

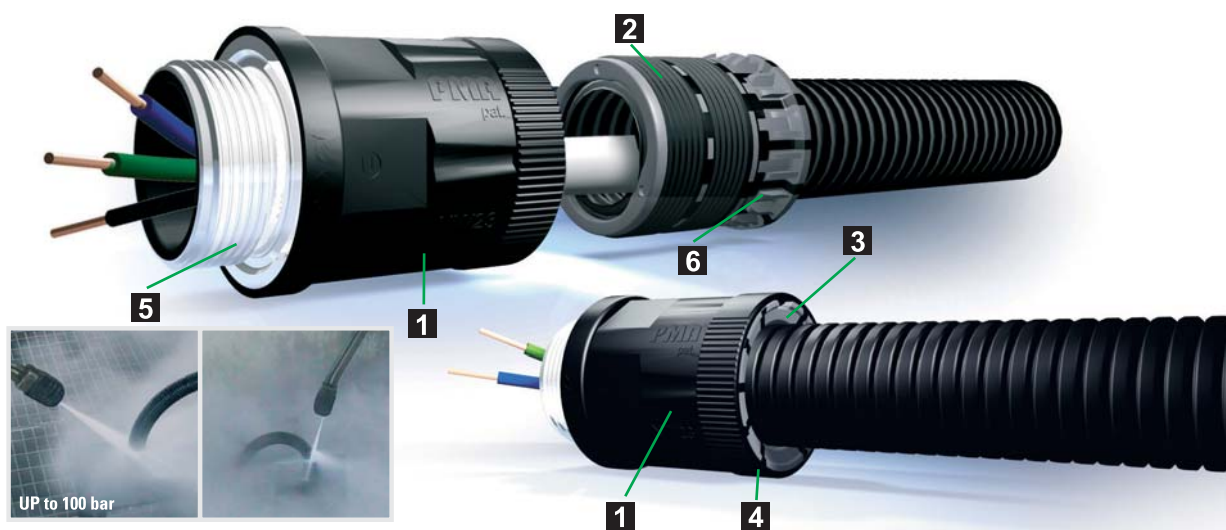


Areas with highest requirements and standards

适用于高要求和高标准的领域



IP66 / IP68 / IP69 static and dynamic 静态和动态



Technical details

1 Highest impact resistance through fully closed design

- The perfectly symmetrical and fully enclosed fitting design prevents potentially increased impact stresses at edges and corners

2 All IP classes up to and including IP69-in static and dynamic applications

- Extra long ribbed sealing areas (cross linked material)
- 360° locking and sealing element shields against high pressure water jets (up to 100 bar)

3 Highest pull out strength

- Highest pull out strength achieved through 360° grip on the conduit profile

4 Intelligent safety locking mechanism

- Highest assembly reliability - the fitting only locks when the sealing element is fully inserted
- Highest operational safety assured through visual and acoustic correct assembly controls

5 Connecting threads

- Metric threads in metal

6 Integrated conduit supports

- The conduit remains centralized with little deformation even when bent sharply directly at the fitting
- Sealing up to and including IP69 in static and dynamic applications also over long periods at high temperatures

技术说明

1 全封闭设计，极高的抗冲击强度

- 完美的一体化、全封闭管接头设计，有效提高管接头边缘的抗冲击强度

2 静态或动态应用条件下，防护等级达到IP69

- 加长的肋状密封区域（交叉联接材料）
- 360° 锁紧和密封保护，可抵抗高压水（达到100 bar）

3 极高的抗拉强度

- 360° 全方位卡紧软管波纹，保证极高的抗拉强度

4 极佳的机械锁紧性能

- 极佳的安装可靠性——只有当密封部件完全被推入时，管接头才会锁紧
- 极佳的操作可靠性——通过视觉和声音可保证正确安装

5 连接螺纹类型

- 公制金属螺纹

6 与软管完美配合

- 软管在极度弯曲的情况下，与管接头连接的软管部分仍然变形极小，保证完美连接。
- 即使在长期动态使用、高温的环境下，防护等级依然可达到 IP69

Connectors Code reference

管接头 代码指南

BVND - P 16 7 GT / 01

Modification code

修改代号

Safety retaining clip type

安全固定夹类型

- GT = Universal Safety Clip (PMAFIX) / 通用安全夹子 (PMAFIX系列)
- = Oval Clip(PMAFIX)/椭圆形夹子 (PMAFIX系列)
- = One piece connector (Smart line) / 轻巧型系列
- = PMAFIX Pro IP68/ IP69/ PMAFIX Pro IP68 / IP69系列

Nominal width conduit (Table 1)

标称内径 (表格1)

- 7 = Nominal Width Conduit / 软管的标称内径NW17

Size of thread (Table 2)

螺纹规格 (表格2)

Code of thread (Table 2)

螺纹代码 (2-2页)

- P = PG Thread / PG制螺纹
- M = Metric Thread / 公制螺纹
- F = Metric Fine Thread / 公制细螺纹
- N = NPT Thread (USA) / 美国标准锥管螺纹
- G = Gas Thread (Italy) / 意大利煤气螺纹
- U = UNEF Round Connector / UNEF圆接头螺纹

Modes of ingress protection (page 2-12/13/14)

防护等级类型 (2-12/13/14页)

- D = Self-sealing IP66 / 自密封 IP66
- L = With Seal Cap IP67 on Conduit / 管端带密封圈 IP67
- R = With Seal Cap IP68 on Conduit / 管端带密封圈 IP68
- V = With Gasket reinforced IP68 / 带垫圈加强型 IP68
- Z = Add. combined sealing with strain relief IP68
附加消除应力密封组件IP68
- H = With KNH2 locking and sealing element IP68 / IP69
带KNH2锁紧和密封元件IP68 / IP69

Connector Series

管接头系列

- N = Straight / 直型
- W = 90° elbow / 90°弯头
- B = 90° curved elbow / 90°曲线弯头
- A = 45° elbow / 45°弯头
- O = 90° elbow with flange / 90°带法兰弯头
- I = With Female Thread / 内螺纹
- Y = Y Piece / Y型三通管接头
- T = T Piece / T型三通管接头
- V = V Piece / V型三通管接头

Connector type

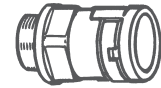
管接头类型

- F = Standard / 标准型
- V = Reinforced / 加强型
- S = Series V with swiveling coupler / 带旋转耦合器的加强型
- E = Ex certified / Ex 防爆
- K = PMAFIX Pro IP68 / IP69 static and dynamic / PMAFIX Pro IP68 / IP69 静态和动态
- L = Smart line 轻巧型

Colours

- B = black / 黑色
- S = grey / 灰色
- N = black with metal thread / 黑色带金属螺纹
- M = grey with metal thread / 灰色带金属螺纹
- A = black-anthracite (Smart line) / 黑-深灰色 (轻巧型系列)
- T = transparent / 透明
- X = special colour / 特别颜色

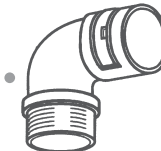
修改代号



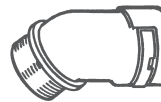
Series N
N 系列



Series W
W 系列



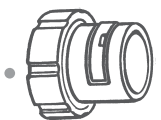
Series B
B 系列



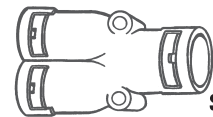
Series A
A 系列



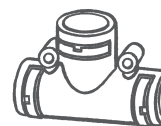
Series O
O 系列



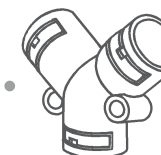
Series I
I 系列



Series Y
Y 系列



Series T
T 系列



Series V
V 系列

Table 1 Conduit Code
表格1 软管代号

Nominal Width	Metric size	Conduit Code
标称内径	公制尺寸	软管代号
7	10	M
10	12	0
12	16	2
17	20	7
23	25	3
29	32	9
36	40	6
48	50	8

Table 2 Conduit Code
表格2 螺纹代号

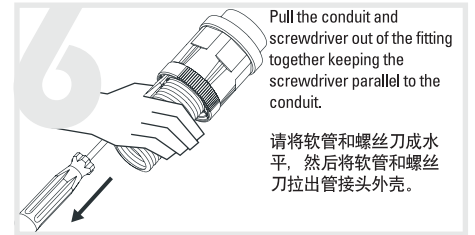
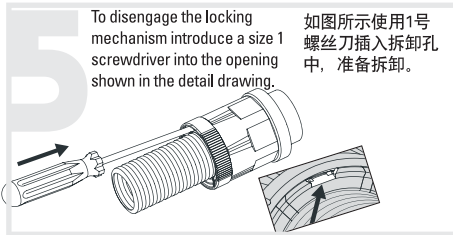
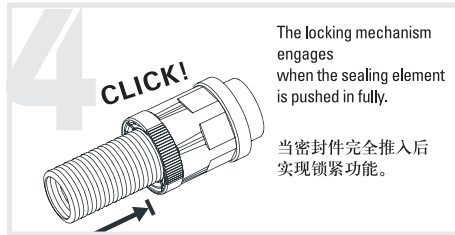
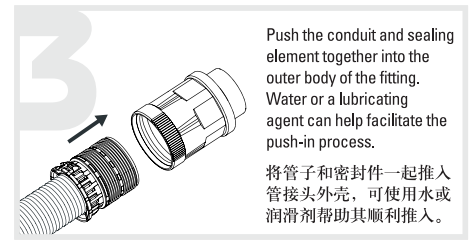
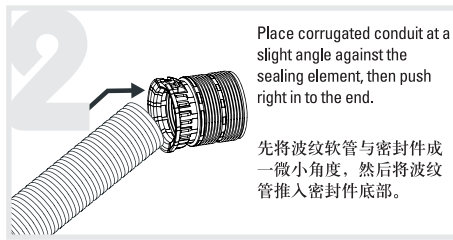
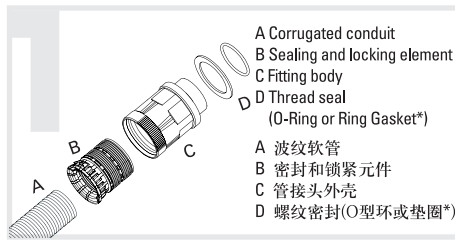
Thread Metric	Code	Thread PG	Code	Thread GAS	Code	Thread NPT	Code	UNEF Thread	Code
公制螺纹	代号	PG制螺纹	代号	GAS制螺纹	代号	NPT螺纹	代号	UNEF 螺纹	代号
M12 x 1.5	M 12	PG07	P 07	G 1/4"	G 00			3/8" - 28 UNEF	U 09
M16 x 1.5	M 16	PG09	P 09	G 3/8"	G 01			7/16" - 28 UNEF	U 10
M20 x 1.5	M 20	PG11	P 11	G 1/2"	G 02	N 1/2"	N 02	1/2" - 28 UNEF	U 12
		PG13.5	P 13	G 3/4"	G 04	N 3/4"	N 04	9/16" - 24 UNEF	U 13
M25 x 1.5	M 25	PG16	P 16	G 1"	G 06	N 1"	N 06	5/8" - 24 UNEF	U 15
M32 x 1.5	M 32	PG21	P 21	G 1 1/4"	G 07	N 1 1/4"	N 07	11/16" - 24 UNEF	U 16
M40 x 1.5	M 40	PG29	P 29	G 1 1/2"	G 08	N 1 1/2"	N 08	3/4" - 20 UNEF	U 18
M50 x 1.5	M 50	PG36	P 36	G 2"	G 09	N 2"	N 09	13/16" - 20 UNEF	U 20
M63 x 1.5	M 63	PG42	P 42	G 2 1/4"	G 10			7/8" - 20 UNEF	U 21
		PG48	P 48	G 2 1/2"	G 11			15/16" - 20 UNEF	U 23
								1" - 20 UNEF	U 24
M8 x 1.0	F 08							1 1/16" - 18 UNEF	U 26
M12 x 1.0	F 12							1 3/16" - 18 UNEF	U 29
M18 x 1.0	F 18							1 1/4" - 18 UNEF	U 30
M30 x 1.5	F 30							1 5/16" - 18 UNEF	U 32
								1 3/8" - 18 UNEF	U 34
								1 7/16" - 18 UNEF	U 35
								1 5/8" - 18 UNEF	U 40
								1 11/16" - 20 UN	U 41
								1 3/4" - 18 UNS	U 43
								2" - 18 UNS	U 50
								2 1/4" - 16 UN	U 56
								2 3/8" - 12 UN	U 57
								2 1/2" - 16 UN	U 62

Types of connector for female thread adapters

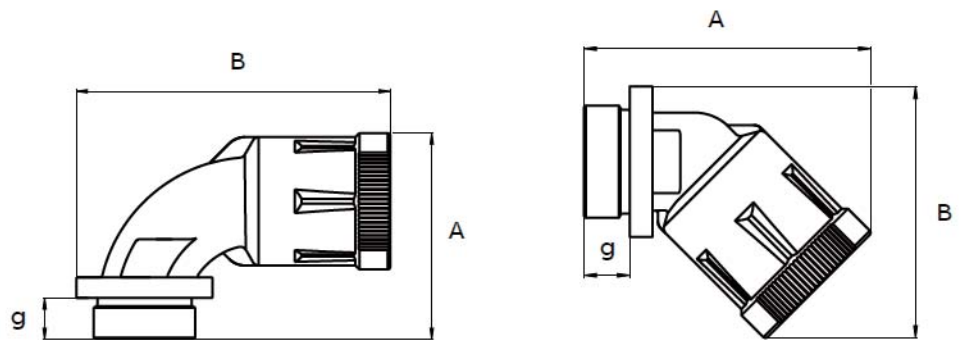
不同品牌系列或标准的连接器适用的内螺纹适配器

Type	PMA
类型	代号
AMP	A
Souriau (ex Burndy)	B
With O-Ring Groove (MIL C 5015) / 带O型槽 (美国军用标准 C 5015)	G

Installation IP66/IP68/IP69 安装程序

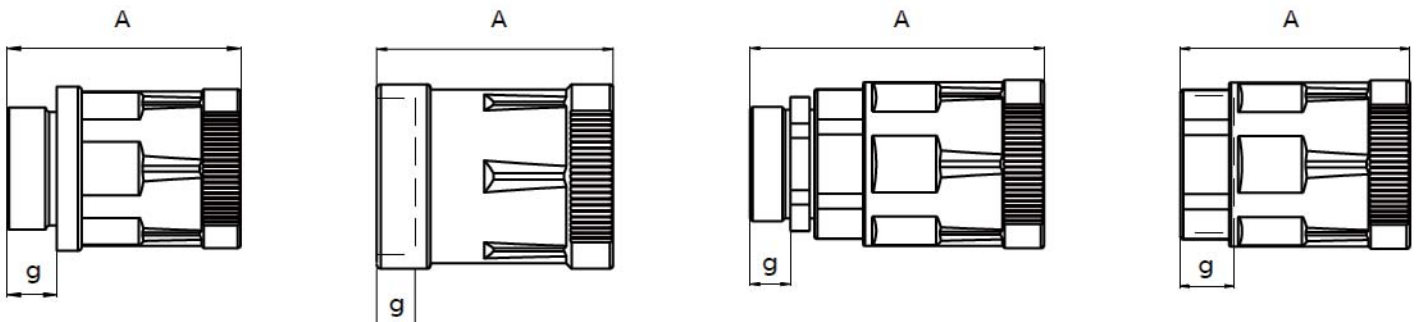


* Ensure to follow O-ring manufacturers guidelines when using O-rings for sealing purposes. / 当使用O形环密封时,要确保依从生产商安装指引。



g = Thread length
螺纹长度

A x B = External dimensions
外部尺寸



g = Thread length
螺纹长度

A = Overall length
总长度

IP66/IP68/IP69

KNH straight, metric, metal

PMAFIX Pro connectors for applications with high technical requirements and in most demanding climatic conditions.

KNH 直型, 公制螺纹, 金属

PMAFIX Pro 管接头用于高技术要求和极端气候条件的场合。



Order No. 订货号	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 灰色M
*KNH-M120-10	M12x1.5	10 12	10.0	45.0	800
*KNH-M160-10	M16x1.5	10 12	10.0	45.0	800
*KNH-M162-10	M16x1.5	12 16	10.0	50.5	800
*KNH-M202-10	M20x1.5	12 16	10.0	50.5	800
*KNH-M207-10	M20x1.5	17 20	10.0	56.0	500
*KNH-M257-11	M25x1.5	17 20	11.0	57.0	500
*KNH-M253-11	M25x1.5	23 25	11.0	59.5	350
*KNH-M323-13	M32x1.5	23 25	13.0	61.5	350
*KNH-M329-13	M32x1.5	29 32	13.0	67.0	350
*KNH-M409-13	M40x1.5	29 32	13.0	68.5	350
*KNH-M406-13	M40x1.5	36 40	13.0	74.0	200
*KNH-M506-14	M50x1.5	36 40	14.0	75.0	200
*KNH-M508-14	M50x1.5	48 50	14.0	81.0	200
*KNH-M638-14	M63x1.5	48 50	14.0	81.0	200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32305

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32305

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Fitting: Specially formulated halogenfree polyamide 6
- Thread: nickel-plated brass
- Sealing: crosslinked polyester elastomer
- IP69 even in dynamic applications
- Very high impact resistance, even at very low temperatures
- High thread and system connection strengths
- Easy push-in assembly for maximum installation reliability
- Screwdriver required for dismantling, impeding unauthorised or accidental opening
- Space-saving dismantling
- Excellent conduit pull-out strength
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -50°C to +105°C; Short-term: +160°C
- Content of delivery: Fitting body with sealing element, thread seals of OR and flat gasket (SVN4)

- 外壳: 由特别改良聚酰胺6制成
- 螺纹: 黄铜镀镍
- 密封圈: 交叉联接式多元酯弹性体
- IP69, 即使在动态应用条件下
- 极好的抗冲击强度, 即使在非常低的温度
- 高强度的螺纹和系统连接
- 推入式的简易安装, 可达到最可靠性安装
- 需螺丝刀拆卸, 防止擅自或意外开启
- 采用节省空间及易于拆卸的设计
- 高强度的抗拉能力
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -50°C 至 +105°C; 短期温度: +160°C
- 包装配件: 管接头, 密封弹性体和螺纹密封圈 - O型圈和扁平垫圈 (SVN4)

IP66/IP68/IP69

KAH 45° elbow, metric, metal

PMAFIX Pro connectors for applications with high technical requirements and in most demanding climatic conditions.

KAH 45° 弯头, 公制, 金属螺纹

PMAFIX Pro 管接头用于高技术要求和极端气候条件的场合。



Order No. 订货号	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色N / 灰色M
*KAH-M120-10	M12x1.5	10 12	10.0	55.5 x 43.0	800 / 800
*KAH-M160-10	M16x1.5	10 12	10.0	55.5 x 45.0	- / 800
*KAH-M162-10	M16x1.5	12 16	10.0	62.5 x 50.0	- / 800
*KAH-M202-10	M20x1.5	12 16	10.0	62.5 x 52.0	- / 800
*KAH-M207-10	M20x1.5	17 20	10.0	71.0 x 59.5	- / 500
*KAH-M257-11	M25x1.5	17 20	11.0	72.0 x 62.5	- / 500
*KAH-M253-11	M25x1.5	23 25	11.0	80.0 x 68.0	- / 350
*KAH-M323-13	M32x1.5	23 25	13.0	82.0 x 72.0	- / 350
*KAH-M329-13	M32x1.5	29 32	13.0	93.0 x 79.5	- / 350
*KAH-M409-13	M40x1.5	29 32	13.0	94.5 x 85.5	- / 350
*KAH-M406-13	M40x1.5	36 40	13.0	105.5 x 93.5	- / 200
*KAH-M506-14	M50x1.5	36 40	14.0	106.5 x 98.5	- / 200
*KAH-M508-14	M50x1.5	48 50	14.0	120.0 x 111.0	- / 200
*KAH-M638-14	M63x1.5	48 50	14.0	120.0 x 114.0	- / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32325

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32325

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Fitting: Specially formulated halogenfree polyamide 6
- Thread: nickel-plated brass
- Sealing: crosslinked polyester elastomer
- IP69 even in dynamic applications
- Very high impact resistance, even at very low temperatures
- High thread and system connection strengths
- Easy push-in assembly for maximum installation reliability
- Screwdriver required for dismantling, impeding unauthorised or accidental opening
- Space-saving dismantling
- Excellent conduit pull-out strength
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -50°C to +105°C; Short-term: +160°C
- Content of delivery: Fitting body with sealing element, thread seals of OR and flat gasket (SVN4)

- 外壳: 由特别改良聚酰胺6制成
- 螺纹: 黄铜镀镍
- 密封圈: 交叉联接式多元酯弹性体
- IP69, 即使在动态应用条件下
- 极好的抗冲击强度, 即使在非常低的温度
- 高强度的螺纹和系统连接
- 推入式的简易安装, 可达到最可靠性安装
- 需螺丝刀拆卸, 防止擅自或意外开启
- 采用节省空间及易于拆卸的设计
- 高强度的抗拉能力
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -50°C 至 +105°C; 短期温度: +160°C
- 包装配件: 管接头, 密封弹性体和螺纹密封圈 - O型圈和扁平垫圈 (SVN4)



- Fitting: Specially modified polyamide 6
- Thread: nickel-plated brass
- Sealing: crosslinked polyester elastomer
- **IP69** even in dynamic applications
- Very high impact resistance, even at very low temperatures
- High thread and system connection strengths
- Easy push-in assembly for maximum installation reliability
- Screwdriver required for dismantling, impeding unauthorised or accidental opening
- Space-saving dismantling
- Excellent conduit pull-out strength
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- 外壳: 由特别改良聚酰胺6制成
- 螺纹: 黄铜镀镍
- 密封圈: 交叉链接式多元酯弹性体
- **IP69**, 即使在动态应用条件下
- 极好的抗冲击强度, 即使在非常低的温度
- 高强度的螺纹和系统连接
- 推入式的简易安装, 可达到最可靠性安装
- 需螺丝刀拆卸, 防止擅自或意外开启
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- 包装配件: 管接头, 密封弹性体和螺纹密封圈 - O型圈和扁平垫圈 (SVN4)

IP66/IP68/IP69

KBH 90° curved, elbow, metric, metal

PMAFIX Pro connectors for applications with high technical requirements and in most demanding climatic conditions.

KBH 90° 曲线, 弯头, 公制, 金属螺纹

PMAFIX Pro 管接头用于高技术要求和极端气候条件的场合。



Order No. 订货号	Thread metric 螺纹公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹长度	External dimensions 外部尺寸	MOQ (pcs) 最小起订量 黑色N / 灰色M
*KBH-M120-10	M12x1.5	10	12	10.0	44.0 x 62.5	800 / 800
*KBH-M160-10	M16x1.5	10	12	10.0	44.0 x 64.5	- / 800
*KBH-M162-10	M16x1.5	12	16	10.0	47.5 x 72.0	- / 800
*KBH-M202-10	M20x1.5	12	16	10.0	47.5 x 74.0	- / 800
*KBH-M207-10	M20x1.5	17	20	10.0	53.0 x 81.0	- / 500
*KBH-M257-11	M25x1.5	17	20	11.0	54.0 x 84.0	- / 500
*KBH-M253-11	M25x1.5	23	25	11.0	63.0 x 92.0	- / 350
*KBH-M323-13	M32x1.5	23	25	13.0	65.0 x 96.0	- / 350
*KBH-M329-13	M32x1.5	29	32	13.0	75.0 x 108.0	- / 350
*KBH-M409-13	M40x1.5	29	32	13.0	76.5 x 114.0	- / 350
*KBH-M406-13	M40x1.5	36	40	13.0	87.5 x 126.0	- / 200
*KBH-M506-14	M50x1.5	36	40	14.0	88.5 x 131.0	- / 200
*KBH-M508-14	M50x1.5	48	50	14.0	101.0 x 145.5	- / 200
*KBH-M638-14	M63x1.5	48	50	14.0	101.0 x 148.5	- / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32335

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32335

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68/IP69

KIS female thread
adapter, metric metal

PMAFIX Pro connectors for applications with high technical
requirements and in most demanding climatic conditions.

KIS 内螺纹适配器，
公制，金属螺纹

PMAFIX Pro 管接头用于高技术要求和极端气候
条件的场合。



Order No. black 订货号 黑色	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 黑色B
 NKIS-M162	M16x1.5	12	16	9.0	49.0	800
 NKIS-M207	M20x1.5	17	20	10.5	56.0	—
 NKIS-M253	M25x1.5	23	25	10.5	58.5	—
 NKIS-M329	M32x1.5	29	32	11.0	65.5	—
 NKIS-M406	M40x1.5	36	40	13.5	72.0	200
 NKIS-M508	M50x1.5	48	50	15.0	83.0	200
 NKIS-M638	M63x1.5	48	50	17.5	84.0	180

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.36305
要了解详细技术规格，请索取“技术数据表” DB-Nr.36305

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Fitting: Specially modified polyamide 6
- Female thread: nickel-plated brass.
- Sealing: crosslinked polyester elastomer
- IP69 even in dynamic applications
- Very high impact resistance, even at very low temperatures
- High thread and system connection strengths
- Easy push-in assembly for maximum installation reliability
- Screwdriver required for dismantling, impeding unauthorised or accidental opening
- Space-saving dismantling
- Excellent conduit pull-out strength
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -50°C to +105°C; Short-term: +160°C
- Content of delivery: Fitting body with sealing element

- 外壳：由特别改良聚酰胺6制成
- 内螺纹：黄铜镀镍
- 密封圈：交叉链接式多元酯弹性体
- IP69，即使在动态应用条件下
- 极好的抗冲击强度，即使在非常低的温度。
- 高强度的螺纹和系统连接
- 推入式的简易安装，可达到最可靠性安装
- 需螺丝刀拆卸，防止擅自或意外开启
- 采用节省空间及易于拆卸的设计
- 高强度的抗拉能力
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-50°C 至 +105°C；短期温度：+160°C
- 包装配件：管接头，密封弹性体



- Fitting: specially modified polyamide 6
- Sealing: crosslinked polyester elastomer
- IP69 even in dynamic applications
- Suitable for the MIL C5015 circular connector
- Very high impact resistance, even at very low temperatures
- Vibration-proof connection to PMAFLEX conduits
- Easy push-in assembly for maximum installation reliability
- Screwdriver required for dismantling, impeding unauthorised or accidental opening
- Space-saving dismantling
- Excellent conduit pull-out strength
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -50°C to +105°C; Short-term: +160°C
- Content of delivery: Fitting body with sealing element, thread seal of OR

- 外壳：由特别改良聚酰胺6制成
- 密封圈：交叉联接式多元酯弹性体
- IP69, 即使在动态应用条件下
- 适用于MIL C5015 标准的圆形连接器
- 极好的抗冲击强度, 即使在非常低的温度
- 配合PMAFLEX软管使用具有很好的防震作用
- 推入式的简易安装, 可达到最可靠性安装
- 需螺丝刀拆卸, 防止擅自或意外开启
- 采用节省空间及易于拆卸的设计
- 优秀的抗拉能力
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -50°C 至 +105°C; 短期温度: +160°C
- 包装配件: 管接头, 密封弹性体, 螺纹密封圈 - O型圈

IP66/IP68/IP69

KIHG female thread
adapter (UNEF thread)

For applications with high technical requirements and under
demanding climatic conditions.

KIHG 内螺纹适配器
(UNEF 螺纹)

应用于高技术要求及极端气候条件的场合。



Order No. black 订货号 黑色	Thread UNEF 螺纹 统一细牙	Fits to MIL shell size 适配MIL规格 外壳尺寸	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
# BKIHG-U212	7/8"-20 UNEF	16	12	16	9.0	47.0	800
# BKIHG-U217	7/8"-20 UNEF	16	17	20	9.0	52.5	-
# BKIHG-U242	1"-20 UNEF	18	12	16	9.0	47.0	800
# BKIHG-U243	1"-20 UNEF	18	23	25	9.0	55.5	360
# BKIHG-U247	1"-20 UNEF	18	17	20	9.0	52.5	500
# BKIHG-U292	1 3/16"-18 UNEF	20	12	16	9.0	50.5	800
# BKIHG-U293	1 3/16"-18 UNEF	20	23	25	9.0	55.5	360
# BKIHG-U297	1 3/16"-18 UNEF	20	17	20	9.0	52.5	500
# BKIHG-U299	1 3/16"-18 UNEF	20	29	32	9.0	61.0	360
# BKIHG-U353	1 7/16"-18 UNEF	24	23	25	9.0	55.5	360
# BKIHG-U357	1 7/16"-18 UNEF	24	17	20	9.0	58.0	500
# BKIHG-U359	1 7/16"-18 UNEF	24	29	32	9.0	61.0	-
# BKIHG-U433	1 3/4"-18UNS	32	23	25	10.0	62.5	360
# BKIHG-U439	1 3/4"-18UNS	32	29	32	10.0	62.0	360
# BKIHG-U503	2"-18UNS	36	23	25	10.0	67.0	360
# BKIHG-U506	2"-18UNS	36	36	40	10.0	67.0	200
# BKIHG-U508	2"-18UNS	36	48	50	10.0	73.5	200
# BKIHG-U509	2"-18UNS	36	29	32	10.0	67.5	360
# BKIHG-U566	2 1/4"-16UN	40	36	40	10.0	72.0	200
# BKIHG-U568	2 1/4"-16UN	40	48	50	10.0	73.5	200

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.22360
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.22360

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

KNH2 sealing element

In PMAFIX^{Pro} connector bodies.

KNH2 密封弹性件

应用于 PMAFIX^{Pro} 管接头。

Order No. black 订货号 黑色	Fits to conduit size NW metric		Diameter 直径	Overall length 总 长度
	适配软管尺寸 标称内径	公制		
KNH2-NW10	10	12	22.0	28.0
KNH2-NW12	12	16	25.5	33.5
KNH2-NW17	17	20	31.5	38.5
KNH2-NW23	23	25	38.5	41.0
KNH2-NW29	29	32	46.5	46.5
KNH2-NW36	36	40	55.5	50.5
KNH2-NW48	48	50	68.0	56.5

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.26990
要了解详细技术规格，请索取“技术数据表”DB-Nr.26990

unit = mm
单位 = mm



- High-grade, specially modified polyamide 6
- Sealing made from crosslinked polyester elastomer
- Free from halogens and cadmium
- Optimum guidance and enclosure of the conduit
- Maximum sealing area towards both conduit and connector body
- Long term system ingress protection guaranteed even if the conduit is bent sharply close to the fitting
- Easy push-in mounting of the conduit
- Correct assembly ensured simply by visual control
- Very good chemical properties
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -50°C to +105°C; **Short-term:** +160°C

- 高级，由特殊改良聚酰胺6制成
- 密封材料由：交叉链接式多元酯弹性体制成
- 不含卤素和镉
- 最佳引导，完全装进软管
- 在软管和管接头本体内部，达到最大密封区域
- 软管在极度弯曲的情况下，软管与接头连接部位仍然长期保证其防护等级
- 推入式的简易安装，可达到最可靠性安装
- 通过视觉可保证正确安装
- 非常好的化学性质
- 适用软管类型-细波纹（T）和粗波纹（G）
- 温度范围：-50°C to +105°C；短期温度：+160°C

IP66

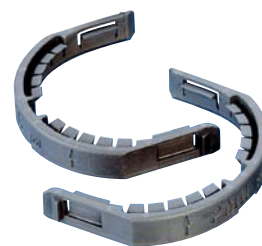
IP66 static, IP54 dynamic
IP66 静态系统, IP54 动态系统

Patent/ 专利



- One piece fitting, sealing by cone
- **Conical sealing method**
- Easy "push-in" installation
- Pre-installed safety clip AFN2
- Fits any type of conduit profile (T and G)
- Excellent pull-out strength
- Re-opening for safety reasons only possible with a screwdriver

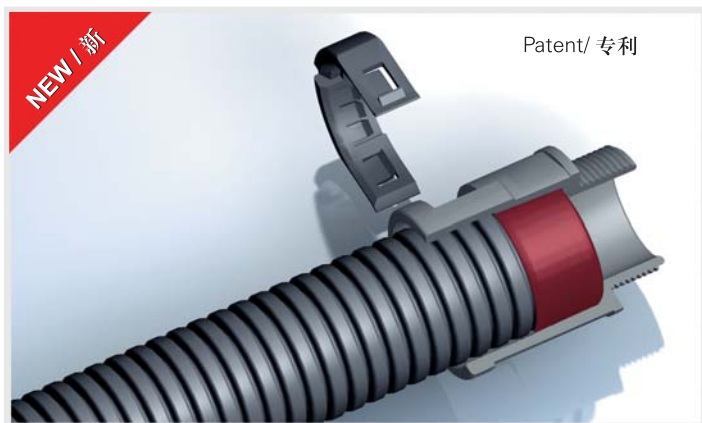
- 一体设计管接头
- 锥形密封
- “推入”的简易安装
- 预安装AFN2安全夹子
- 适合任何类型的软管（细波纹和粗波纹）
- 优秀的抗拉能力
- 只可用螺丝刀才可以拆卸，确保安全。



IP68GT

IP68 static,
IP68 静态系统
IP67 dynamic
IP67 动态系统

Patent/ 专利



- **The single piece PMAFIX IP68GT fitting with integrated sealing cap and pre-installed locking clip**
- Simple push-in assembly (as with the proven PMAFIX IP66 system)
- The extra long sealing cap guarantees the highest level of ingress protection
- Compatible with all types of PMA conduits
- Identical approvals as for the PMAFIX IP68 system
- The complete PMAFIX IP68 product range is available as a GT single component version
- Fast modification of specification drawings through simple addition of 'GT' to the existing order number (eg. BVNV-M257 → BVNV-M257GT)

- **PMAFIX IP68GT 管接头是带预先装配好密封帽和夹子配件的一体式设计**

- 简单推进式安装 (与被证明认可的 PMAFIX IP66 系统一样)
- 特别加长密封帽保证最高级别的防护
- 适用于所有类型的PMA软管
- 与PMAFIX IP68 系统相同的认证
- 完整的 PMAFIX IP68 产品系列可提供 GT 一体式设计
- 对现有订货型号通过简单的加上 "GT"，快速的修改规格图纸 (即BVNV-M257 → BVNV-M257GT)



IP68 static, IP67 dynamic
IP68 静态系统, IP67 动态系统

IP68

- **High sealing through additional seal cap**
- For highest dynamic applications
- Fits any type of conduit profile (T and G)
- Excellent pull-out strength
- Re-opening for safety reasons only possible with a screwdriver

- **通过附加密封帽高度密封**
- 适合最高动态应用
- 适合任何类型的软管（细波纹和粗波纹）
- 优秀的抗拉能力
- 只可用螺丝刀才可以拆卸，确保安全。

Patent/ 专利



- **Additional water protection ring WPS for IP69 ingress protection in conjunction with the IP68 system**
- To be applied right after the IP68 connector onto the conduit
- Suitable for subsequent installations
- Fits any type of conduit profile (T and G)
- Applicable with PMAFIX product range, modes of ingress protection IP68 (straight, 90°, 45°, curved elbows, distributors)
- High retention forces
- Re-opening for safety reasons only possible with a screwdriver

- **在IP68的管接头连接处加以保护，可达到IP69**
- 应用在软管上IP68接头后面
- 适合随后安装
- 适合于任何类型的软管（细波纹和粗波纹）
- 应用在PMAFIX，防护等级为IP68产品范围内（直形、90度、45度、弯曲 形式、适配器等）
- 高保持力
- 只可用螺丝刀才可以拆卸，确保安全。



In conjunction with IP68 system

结合 IP68 接头一起使用。

IP69

Patent/ 专利



Installation IP66 / IP66 安装系统



Clip pre-installed in all IP66 connectors 预安装夹子的IP66管接头

Installation IP68GT / IP68GT 安装过程



Pre-installed sealing cap and locking clip in all IP68GT connectors 预安装密封圈和锁夹的IP68GT管接头

Ensure to follow O-ring manufactures guideliners when using O-rings for sealing purposes./ 当使用O型圈密封时, 要确保依从生产商安装指引。

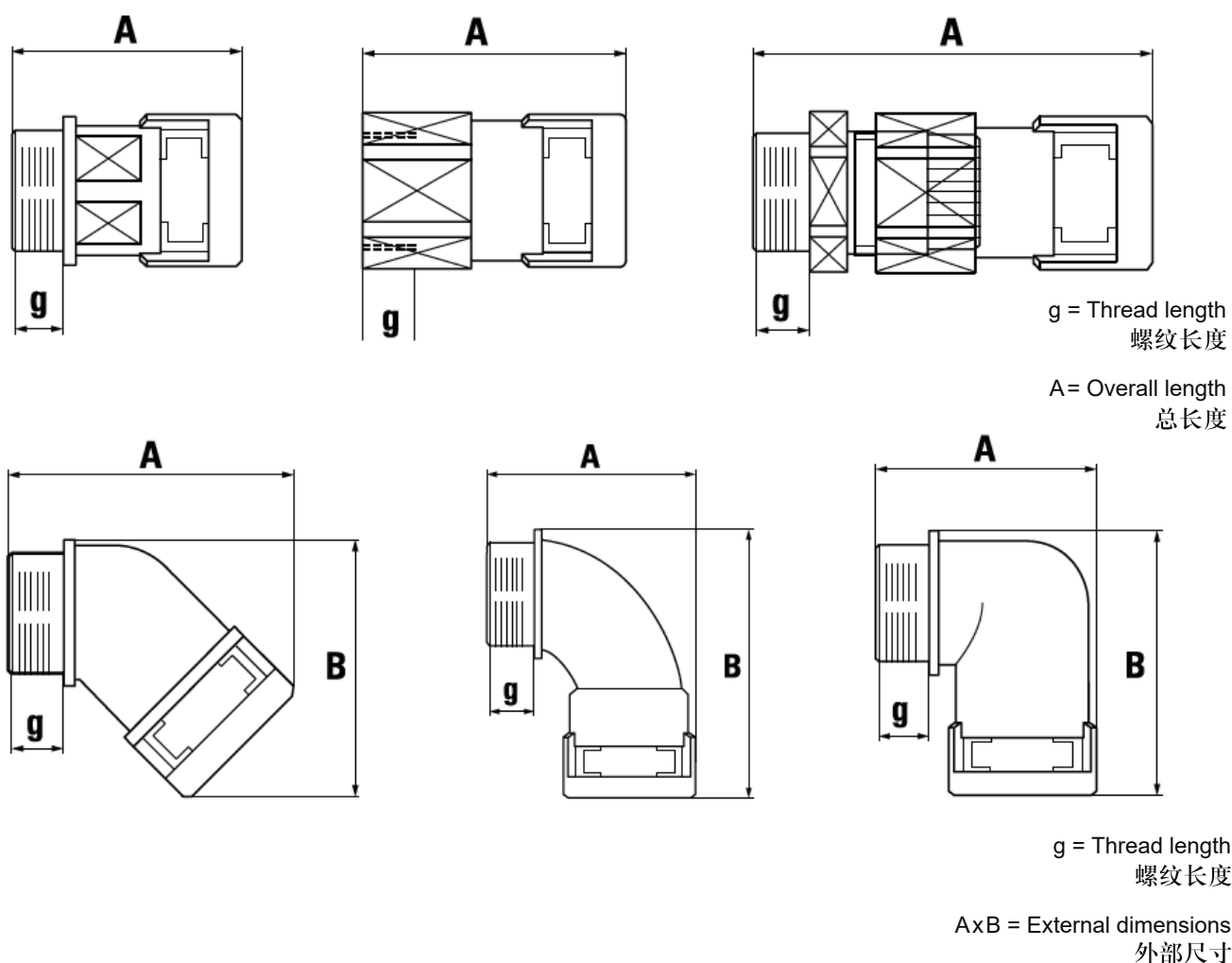
Installation IP68(IP69) / IP68(IP69) 安装程序



* For safety reasons, oval clip will not fit if seal cap is not fully installed. /出于安全方面的原因, 如果密封圈没有完全地安装好, 椭圆形的夹子将不能安装上去。
Ensure to follow O-ring manufacturers guidelines when using O-rings for sealing purposes. /当使用O型圈密封时, 要确保依从生产商安装指引。

Test / 测试





The designation **PMAFIX** describes a very large range of connectors for **PMA** conduits with the patented **PMA** safety clip system.

Connectors are available for ingress protection IP66 and IP68. With the new **PMA** accessory WPS (Water Impact Protection) it will be able to achieve IP69.

IP66 connectors are fitted with a pre-installed universal safety clip which ensures a quick "push-in" installation.

IP68 connectors for increased requirements will be delivered with a special conduit seal cap.

PMAFIX管接头种类繁多, 适用**PMA**软管且带有**PMA**专利的安全夹系统。

管接头防护等级有IP66和IP68可选。加上新附件WPS (可以防水冲击, 其防护等级达到IP69)。

IP66管接头预先安装一个通用安全夹, 可确保迅速插入连接。

防护要求需要提高, 可选用IP68管接头, 包括配件: 特别的软管密封帽。



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装: 简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装: 简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

IP66 & IP66/IP68

VN straight, metric

For cable protection systems in a wide range of applications.

VN 直型, 公制螺纹

在电缆保护系统中广泛地应用。



Order No. IP66 订货号 IP66	Order No. IP68 ▲ 订货号 IP68 ▲	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 灰色S	IP68 黑色B / 灰色S
* VND-M12MGT	* VNV-M12M	M12 x 1.5	07	10	11.0	34.5	—	— / 1500
* VND-M120GT	* VNV-M120	M12 x 1.5	10	12	11.0	36.5	—	—
* VND-M160GT	* VNV-M160	M16 x 1.5	10	12	11.0	36.5	—	—
* VND-M162GT	* VNV-M162	M16 x 1.5	12	16	11.0	39.5	—	—
* VND-M200GT	* VNV-M200	M20 x 1.5	10	12	11.0	36.5	1500	— / 1500
* VND-M202GT	* VNV-M202	M20 x 1.5	12	16	11.0	39.5	—	—
* VND-M207GT	* VNV-M207	M20 x 1.5	17	20	11.0	47.5	—	—
* VND-M203GT	* VNV-M203	M20 x 1.5	23	25	11.0	51.0	待定	1200 / 1200
* VND-M257GT	* VNV-M257	M25 x 1.5	17	20	12.0	48.5	—	—
* VND-M253GT	* VNV-M253	M25 x 1.5	23	25	12.0	52.0	—	—
* VND-M323GT	* VNV-M323	M32 x 1.5	23	25	15.0	55.5	—	—
* VND-M329GT	* VNV-M329	M32 x 1.5	29	32	15.0	56.0	—	—
* VND-M409GT	* VNV-M409	M40 x 1.5	29	32	19.0	60.0	—	— / 800
* VND-M406GT	* VNV-M406	M40 x 1.5	36	40	19.0	72.0	—	—
* VND-M506GT	* VNV-M506	M50 x 1.5	36	40	19.0	72.0	—	—
* VND-M508GT	* VNV-M508	M50 x 1.5	48	50	19.0	72.5	—	—
* VND-M638GT	* VNV-M638	M63 x 1.5	48	50	19.0	72.0	—	—

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23007 / 22002

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.23007 / 22002

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66

VND straight, IP66, metric short-thread

For cable protection systems in a wide range of applications.

VND 直型, 公制短螺纹

在电缆保护系统中广泛地应用。



Order No. 订货号	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
						黑色B
* VND-M200GT-8	M20 x 1.5	10	12	8.0	33.5	1800
* VND-M202GT-8	M20 x 1.5	12	16	8.0	36.5	1400
* VND-M207GT-8	M20 x 1.5	17	20	8.0	44.5	1500
* VND-M257GT-8	M25 x 1.5	17	20	8.0	44.5	1600
* VND-M323GT-10	M32 x 1.5	23	25	10.0	50.5	1350
* VND-M329GT-10	M32 x 1.5	29	32	10.0	51.0	900
* VND-M409GT-10	M40 x 1.5	29	32	10.0	51.0	900
* VND-M406GT-10	M40 x 1.5	36	40	10.0	63.0	1200
* VND-M506GT-10	M50 x 1.5	36	40	10.0	63.0	1200

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23009

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.23009

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP68

VNDZ/VNZ straight, metric,
strain relief

In machine and plant construction.
For separation of damp and dry areas.

Furthermore, these connectors can especially be used where
damp and dry areas have to be separated.

VNDZ/VNZ 直型, 公制螺纹,
消除应力。

适用于机械制造、厂房建设及轨道旁应用,
也被应用于间隔干湿区域。

此外, 这些管接头可被特别用于间隔干湿区域。



Order No. IP66 订货号 IP66	Order No. IP68 ▲ 订货号 IP68 ▲	Thread metric 螺纹 公制	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制	Cable range 电缆 直径范围	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 灰色S	IP68 黑色B / 灰色S
* VNDZ-M160GT	—	M16x1.5	10	12	5.0-10.0	8.0	62.0	—
* VNDZ-M162GT	* VNZ-M162S	M16x1.5	12	16	5.0-10.0	8.0	62.0	800
—	* VNZ-M202S	M20x1.5	12	16	6.0-12.0	8.0	62.0	—
* VNDZ-M207GT	* VNZ-M207S	M20x1.5	17	20	10.0-14.0	8.0	72.0	—
—	* VNZ-M203S	M20x1.5	23	25	10.0-14.0	8.0	79.0	—
* VNDZ-M253GT	* VNZ-M253S	M25x1.5	23	25	13.0-18.0	8.0	81.0	—
* VNDZ-M329GT	* VNZ-M329S	M32x1.5	29	32	18.0-25.0	10.0	85.0	—
* VNDZ-M406GT	* VNZ-M406S	M40x1.5	36	40	22.0-32.0	10.0	108.5	200
* VNDZ-M508GT	* VNZ-M508S	M50x1.5	48	50	30.0-38.0	12.0	119.5	200
* VNDZ-M638GT	* VNZ-M638S	M63x1.5	48	50	34.0-44.0	12.0	119.5	200

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please replace final "S" with "GT" (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号后的 "S" 改成 "GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.25012 / 25002

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.25012 / 25002

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- Specially formulated polyamide 6, very high impact resistance
- Easy installation: simple push the conduit in
- High conduit pull-out strength
- Integrated strain relief optimally holds and seals cables
- If several conductors are used with the connector multiple sealing inserts MDE should be considered
- Vibration-resistant connection to PMAFLEX conduits
- Very good chemical properties, Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP66: Fitting with pre-assembled universal safety clips (AFN2)
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
- IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 特殊改良聚酰胺6制成, 非常高的抗冲击强度
- 易于安装: 简单的软管推入式安装
- 高强度的抗拉能力
- 结合消除应力设计, 适当地固定和密封电缆
- 如果要安装多根导线, 可考虑多孔密封插入件MDE
- 配合PMAFLEX软管使用具有很好的防震作用
- 非常良好的化学性能, 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
- IP66: 管接头和通用安全夹子 (AFN2)
- IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
- IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66

VNDZ strain relief, straight
metric long thread

In machine and plant construction
In railway track side applications
Where damp and dry areas need to be separated.
Furthermore, these connectors can especially be used where
damp and dry areas have to be separated.

VNDZ 消除应力, 直型
公制长螺纹。

适用于机械制造、厂房建设及轨道旁应用
也被应用于间隔干湿区域。

此外, 这些管接头可被特别用于间隔干湿区域。



Order No.	Thread metric	Fits to conduit size NW metric		Seal range 密封范围		Thread length	Overall length	MOQ (pcs) 最小起订量
订货号	螺纹 公制	适配软管尺寸 标称内径	公制	Seal 1 黑色	Seal 2 灰色	螺纹 长度	总 长度	黑色
# BVNDZ-M162GT/xx	M16x1.5	12	16	5.0-10.0	3.0-7.0	15.0	69.0	待定
# BVNDZ-M207GT/xx	M20x1.5	17	20	10.0-14.0	7.0-12.0	15.0	79.0	待定
# BVNDZ-M253GT/xx	M25x1.5	23	25	13.0-18.0	9.0-16.0	15.0	88.0	待定
# BVNDZ-M329GT/xx	M32x1.5	29	32	18.0-25.0	12.0-20.0	15.0	90.0	待定
# BVNDZ-M406GT/xx	M40x1.5	36	40	22.0-32.0	20.0-26.0	18.0	116.5	待定
# BVNDZ-M638GT/xx	M63x1.5	48	50	34.0-44.0	29.0-35.0	18.0	125.5	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.25011

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.25011

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

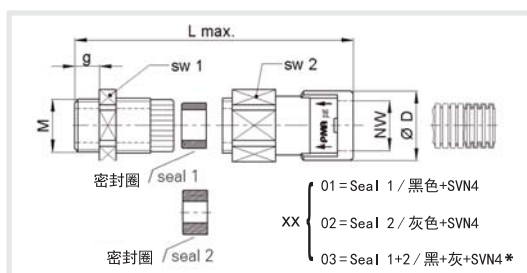
unit = mm
单位 = mm



- Specially formulated polyamide 6
- Extremely shock resistant
- Easy installation
- High pull-out strength values
- The integrated strain relief element optimally holds and seals cables
- If several conductors are used with the connector multiple sealing inserts should be considered
- Self-extinguishing, Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP66: Fitting with pre-assembled universal safety clips (AFN2), strain relief insert (up to IP68 / 5 bar)

- 特殊改良聚酰胺6制成
- 极佳的抗震性
- 方便安装
- 良好的抗拉伸强度
- 结合消除应力设计, 适当地固定和密封电缆
- 如果要安装多根导线, 可考虑多孔密封插入
- 自熄灭性, 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
- IP66: 管接头和通用安全夹子 (AFN2), 消除应力插入件 (最高可达IP68/5巴)

* Both seals 1 + 2 are supplied (only one should be fitted).
提供密封圈 seals 1 + 2 (装配时请使用其中一款)



- 01 = Seal 1 / 黑色+SVN4
- XX 02 = Seal 2 / 灰色+SVN4
- 03 = Seal 1+2 / 黑+灰+SVN4*



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- For metric sized holes and sheet thickness gauges varying from 1.1 - 1.7 mm and 1.7 - 2.3 mm
- No lock nut required
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 适用于各种公制尺寸开孔和薄板厚度范围从1.1-1.7mm和1.7-2.3mm
- 无需螺母锁紧
- 易于安装：简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学特性
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C；短期温度：+160°C



- High-grade specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级，特殊配方聚酰胺6制作
- 极高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装：简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C；短期温度：+160°C
- 包装配件：
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66

VND-EVM Push-in Connector

In machine and plant construction where quick, simply and economic installation is required.

VND-EVM 推入式接头

适用于快速、简单、经济的机械制造和厂房建设行业。



Order No.	For installation		Fits to conduit size		Thread	Overall	MOQ (pcs)
	Ø A	B	NW	metric	length	length	最小起订量
订货号	Diameter	Thickness	适配软管尺寸		螺纹	总	黑色B
	直径	厚度	标称内径	公制	长度	长度	
# * VND-EVM162GT/1	16.5	1.1 - 1.7	12	16	14.5	43.0	800
# * VND-EVM162GT/2	16.5	1.7 - 2.3	12	16	14.5	43.0	800
# * VND-EVM207GT/1	20.5	1.1 - 1.7	17	20	14.5	51.0	—
# * VND-EVM207GT/2	20.5	1.7 - 2.3	17	20	14.5	51.0	—
# * VND-EVM253GT/1	25.5	1.1 - 1.7	23	25	14.5	53.0	600
# * VND-EVM253GT/2	25.5	1.7 - 2.3	23	25	14.5	53.0	600

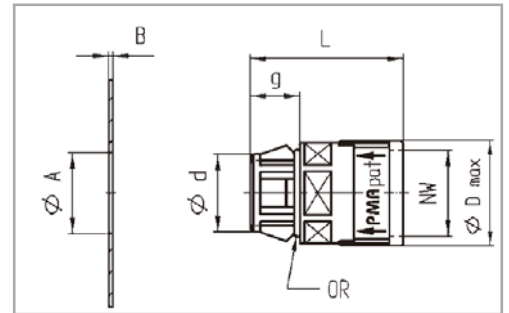
* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.20102

要了解详细技术规格，请索取“技术数据表”DB-Nr.20102

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



IP66 & IP66/IP68

VA 45° elbow, metric

For cable protection systems in a wide range of applications.

VA 45° 弯头，公制螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 	Thread metric	Fits to conduit size NW metric		Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 	螺纹 公制	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	IP66 灰色S	IP68 黑色B / 灰色S
*VAD-M120GT	—	M12 x 1.5	10	12	11.0	43.0 x 36.5	800	—
*VAD-M160GT	*VAV-M160	M16 x 1.5	10	12	11.0	43.0 x 37.5	800	— / 800
*VAD-M162GT	*VAV-M162	M16 x 1.5	12	16	11.0	47.5 x 41.0	800	— / 800
*VAD-M202GT	*VAV-M202	M20 x 1.5	12	16	11.0	47.5 x 42.5	800	— / 800
*VAD-M207GT	*VAV-M207	M20 x 1.5	17	20	11.0	57.5 x 52.5	—	— / 750
*VAD-M253GT	*VAV-M253	M25 x 1.5	23	25	12.0	66.0 x 59.5	—	— / 600
*VAD-M329GT	*VAV-M329	M32 x 1.5	29	32	15.0	74.5 x 67.0	—	— / 560
*VAD-M406GT	*VAV-M406	M40 x 1.5	36	40	19.0	93.5 x 86.5	400	— / 400
*VAD-M506GT	*VAV-M506	M50 x 1.5	36	40	19.0	93.5 x 90.5	400	400 / 400
*VAD-M508GT	*VAV-M508	M50 x 1.5	48	50	19.0	100.0 x 96.5	300	— / 300
*VAD-M638GT	*VAV-M638	M63 x 1.5	48	50	19.0	100.0 x 104.5	300	— / 300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFLEX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFLEX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23027 / 22022

要了解详细技术规格，请索取“技术数据表”DB-Nr.23027 / 22022

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP68

VB 90° curved elbow, metric

For cable protection systems in a wide range of applications.

VB 90° 曲线弯头, 公制螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread metric	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 公制	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	IP66 灰色S	IP68 灰色S
*VBD-M207GT	*VBV-M207	M20 x 1.5	17	20	11.0	47.5 x 73.0	—	800
*VBD-M257GT	*VBV-M257	M25 x 1.5	17	20	12.0	48.5 x 76.0	—	800
*VBD-M253GT	*VBV-M253	M25 x 1.5	23	25	12.0	57.5 x 83.0	600	600
*VBD-M323GT	*VBV-M323	M32 x 1.5	23	25	15.0	61.0 x 87.5	—	600
*VBD-M329GT	*VBV-M329	M32 x 1.5	29	32	15.0	70.5 x 93.0	—	600
*VBD-M409GT	*VBV-M409	M40 x 1.5	29	32	19.0	74.5 x 98.5	—	600
*VBD-M406GT	*VBV-M406	M40 x 1.5	36	40	19.0	85.0 x 121.0	—	400
*VBD-M506GT	*VBV-M506	M50 x 1.5	36	40	19.0	85.0 x 125.0	—	400
*VBD-M508GT	*VBV-M508	M50 x 1.5	48	50	19.0	98.5 x 130.0	300	300
*VBD-M638GT	*VBV-M638	M63 x 1.5	48	50	19.0	98.5 x 138.0	300	300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色
For smaller conduit sizes NW 07 to NW12 appropriate standard elbows of type VW are available
可提供标称内径07到12的VW弯接头

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23040 / 22035

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23040 / 22035

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAELEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制作
- 非常高的抗冲击强度
- 配合PMAELEX软管使用具有很好的防震作用
- 易于安装: 简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VW 90° elbow, metric

For cable protection systems in a wide range of applications.

VW 90° 弯头, 公制螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread metric	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 公制	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	IP66 灰色S	IP68 灰色S
*VWD-M12MGT	*VWV-M12M	M12 x 1.5	07	10	11.0	32.0 x 35.0	—	800
*VWD-M120GT	*VWV-M120	M12 x 1.5	10	12	11.0	34.0 x 39.5	—	800
*VWD-M160GT	*VWV-M160	M16 x 1.5	10	12	11.0	34.0 x 40.5	—	800
*VWD-M162GT	*VWV-M162	M16 x 1.5	12	16	11.0	38.5 x 46.0	—	—
*VWD-M200GT	—	M20 x 1.5	10	12	11.0	34.0 x 42.5	800	—
*VWD-M202GT	*VWV-M202	M20 x 1.5	12	16	11.0	38.5 x 47.5	—	800
*VWD-M207GT	*VWV-M207	M20 x 1.5	17	20	11.0	43.5 x 58.5	—	—
*VWD-M253GT	*VWV-M253	M25 x 1.5	23	25	12.0	54.0 x 65.0	—	—
*VWD-M329GT	*VWV-M329	M32 x 1.5	29	32	15.0	64.5 x 73.0	—	—
*VWD-M406GT	*VWV-M406	M40 x 1.5	36	40	19.0	78.0 x 96.0	—	—
*VWD-M508GT	*VWV-M508	M50 x 1.5	48	50	19.0	91.5 x 106.0	—	300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For larger conduit sizes NW 17 to NW48 appropriate 90° elbows of type VB are available

可提供标称内径17到48的VB 90°弯接头

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23017 / 22012

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23017 / 22012

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAELEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制作
- 非常高的抗冲击强度
- 配合PMAELEX软管使用具有很好的防震作用
- 易于安装: 简单的软管推入式安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade specially formulated polyamide 6 thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4)
IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4 & OR)

- 高级, 特殊配方聚酰胺6制成, 黄铜镀镍螺纹
- 非常高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4)
IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4 和 O型圈)

IP66/IP68

VNV straight, metric, metal thread

For applications with high technical requirements.

VNV 直型, 公制, 金属螺纹



应用于高技术要求。

Order No. ▲	Thread metric	Fits to conduit size NW		Thread length	Overall length	MOQ (pcs)
订货号 ▲	螺纹公制	适配软管尺寸 标称内径 公制		螺纹长度	总长度	最小起订量 黑色N/灰色M
# * VNV-M120-10	M12 x 1.5	10	12	10.0	40.0	- / 800
# * VNV-M120-5	M12 x 1.5	10	12	5.0	35.0	- / 800
# * VNV-M160-10	M16 x 1.5	10	12	10.0	40.0	- / 800
# * VNV-M160-5	M16 x 1.5	10	12	5.0	35.0	- / 800
# * VNV-M162-10	M16 x 1.5	12	16	10.0	43.0	-
# * VNV-M162-5	M16 x 1.5	12	16	5.0	38.0	- / 800
# * VNV-M202-10	M20 x 1.5	12	16	10.0	43.0	-
# * VNV-M202-5	M20 x 1.5	12	16	6.0	39.0	- / 800
# * VNV-M207-10	M20 x 1.5	17	20	10.0	51.0	-
# * VNV-M207-6	M20 x 1.5	17	20	6.0	47.0	- / 500
# * VNV-M257-11	M25 x 1.5	17	20	11.0	52.0	-
# * VNV-M257-7	M25 x 1.5	17	20	7.0	48.0	- / 500
# * VNV-M253-11	M25 x 1.5	23	25	11.0	54.0	-
# * VNV-M253-7	M25 x 1.5	23	25	7.0	50.0	- / 350
# * VNV-M323-13	M32 x 1.5	23	25	13.0	56.0	-
# * VNV-M323-8	M32 x 1.5	23	25	8.0	51.0	- / 350
# * VNV-M329-13	M32 x 1.5	29	32	13.0	57.3	-
# * VNV-M329-8	M32 x 1.5	29	32	8.0	52.3	- / 320
# * VNV-M409-13	M40 x 1.5	29	32	13.0	57.3	-
# * VNV-M409-8	M40 x 1.5	29	32	8.0	52.3	- / 320
# * VNV-M406-13	M40 x 1.5	36	40	13.0	71.4	-
# * VNV-M406-8	M40 x 1.5	36	40	8.0	66.4	- / 200
# * VNV-M506-14	M50 x 1.5	36	40	14.0	72.4	-
# * VNV-M506-9	M50 x 1.5	36	40	9.0	67.4	- / 200
# * VNV-M508-14	M50 x 1.5	48	50	14.0	72.4	-
# * VNV-M508-9	M50 x 1.5	48	50	9.0	67.4	- / 200
# * VNV-M638-14	M63 x 1.5	48	50	14.0	72.4	-
# * VNV-M638-10	M63 x 1.5	48	50	10.0	68.4	210 / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

▲ IP68GT available. Please add "GT" prior to the thread length (for example NVNV-M120GT-10). (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请将"GT"加在螺纹长度的前面。例如NVNV-M120GT-10)。(有关PMAFIX IP68GT 管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32002
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32002

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

VAV 45° elbow, metric,
metal thread

For applications with high technical requirements.

VAV 45° 弯头,
公制, 金属螺纹

应用于高技术要求。

CE C US

Order No. ▲	Thread metric	Fits to conduit size NW metric		Thread length	External dimensions	MOQ (pcs)
订货号 ▲	螺纹 公制	适配软管尺寸 标称内径 公制		螺纹 长度	外部 尺寸	最小起订量 黑色N / 灰色M
# * VAV-M120-10	M12 x 1.5	10	12	10.0	48.5 x 37.0	- / 800
# * VAV-M120-5	M12 x 1.5	10	12	5.0	43.5 x 37.0	800 / 800
# * VAV-M162-10	M16 x 1.5	12	16	10.0	50.5 x 41.5	- / 800
# * VAV-M162-5	M16 x 1.5	12	16	5.0	48.0 x 40.5	800 / 800
# * VAV-M207-10	M20 x 1.5	17	20	10.0	60.5 x 52.5	- / 500
# * VAV-M207-6	M20 x 1.5	17	20	6.0	56.5 x 51.5	500 / 500
# * VAV-M253-11	M25 x 1.5	23	25	11.0	69.0 x 61.0	- / 360
# * VAV-M253-7	M25 x 1.5	23	25	7.0	66.0 x 60.5	350 / 360
# * VAV-M257-11	M25 x 1.5	17	20	11.0	61.5 x 55.5	- / 待定
# * VAV-M323-13	M32 x 1.5	23	25	13.0	71.0 x 65.0	- / 待定
# * VAV-M329-13	M32 x 1.5	29	32	13.0	76.5 x 68.5	- / 320
# * VAV-M329-8	M32 x 1.5	29	32	8.0	72.0 x 68.0	320 / 320
# * VAV-M406-13	M40 x 1.5	36	40	13.0	94.0 x 87.5	- / 200
# * VAV-M406-8	M40 x 1.5	36	40	8.0	89.0 x 87.5	200 / 200
# * VAV-M409-13	M40 x 1.5	29	32	13.0	78.0 x 73.5	- / 待定
# * VAV-M506-14	M50 x 1.5	36	40	14.0	95.0 x 92.5	- / 待定
# * VAV-M508-14	M50 x 1.5	48	50	14.0	102.0 x 101.0	- / 210
# * VAV-M508-9	M50 x 1.5	48	50	9.0	97.0 x 101.0	210 / 210
# * VAV-M638-14	M63 x 1.5	48	50	14.0	102.0 x 104.0	- / 200
# * VAV-M638-10	M63 x 1.5	48	50	10.0	98.0 x 104.0	200 / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

▲ IP68GT available. Please add "GT" prior to the thread length (for example NVNV-M120GT-10).
(Functional description PMAFIX IP68GT, page 3-11/12/13).▲ IP68GT管接头开始供应。请将"GT"加在螺纹长度的前面。例如NVNV-M120GT-10。
(有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32025

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32025

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm

单位 = mm



- Specially formulated polyamide 6, nickel-plated brass thread
- Very high impact resistance
- High thread and system connection strength
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4 and OR)
- IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4 and OR)
- 特殊配方聚酰胺6和铜镀镍螺纹制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常好的化学特性
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
- IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4和O型圈)
- IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4和O型圈)



- Specially formulated polyamide 6, nickel-plated brass thread
- Very high impact resistance
- High thread and system connection strengths
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Polyamide free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C

Content of delivery:

IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4 and OR)

IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4 and OR)

- 特殊配方聚酰胺6和铜镀镍螺纹制成
- 非常高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

包装配件:

IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4和O型圈)

IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4和O型圈)

IP66/IP68

VBV 90° curved elbow, metric, metal thread

For applications with high technical requirements.

VBV 90° 曲线弯头, 公制, 金属螺纹

应用于高技术要求。



Order No. ▲ 订货号 ▲	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹长度	External dimensions 外部尺寸	MOQ (pcs) 最小起订量 黑色N / 灰色M
# * VBV-M207-10	M20x1.5	17 20	10.0	51.0 x 73.0	- / 500
# * VBV-M207-6	M20x1.5	17 20	6.0	47.0 x 73.0	450 / 500
# * VBV-M257-11	M25x1.5	17 20	11.0	52.0 x 76.0	- / 500
# * VBV-M257-7	M25x1.5	17 20	7.0	48.0 x 76.0	450 / 500
# * VBV-M253-11	M25x1.5	23 25	11.0	62.5 x 85.0	- / 350
# * VBV-M253-7	M25x1.5	23 25	7.0	58.5 x 85.0	360 / 350
# * VBV-M323-13	M32x1.5	23 25	13.0	64.5 x 89.0	- / 350
# * VBV-M323-8	M32x1.5	23 25	8.0	59.5 x 89.0	360 / 350
# * VBV-M329-13	M32x1.5	29 32	13.0	74.0 x 94.5	- / 350
# * VBV-M329-8	M32x1.5	29 32	8.0	69.0 x 94.5	360 / 350
# * VBV-M409-13	M40x1.5	29 32	13.0	75.5 x 100.5	- / 350
# * VBV-M409-8	M40x1.5	29 32	8.0	70.5 x 100.5	360 / 350
# * VBV-M406-13	M40x1.5	36 40	13.0	86.5 x 123.0	- / 200
# * VBV-M406-8	M40x1.5	36 40	8.0	81.5 x 123.0	200 / 200
# * VBV-M506-14	M50x1.5	36 40	14.0	87.5 x 130.0	- / 200
# * VBV-M506-9	M50x1.5	36 40	9.0	82.5 x 130.0	200 / 200
# * VBV-M508-14	M50x1.5	48 50	14.0	100.5 x 135.0	- / 200
# * VBV-M508-9	M50x1.5	48 50	9.0	95.5 x 135.0	200 / 200
# * VBV-M638-10	M63x1.5	48 50	10.0	96.5 x 138.0	200 / 200
# * VBV-M638-14	M63x1.5	48 50	14.0	100.5 x 138.0	- / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色
For smaller conduit sizes NW 10 to NW12 appropriate standard elbows of type VW are available
可提供标称内径10到12的VW弯头

▲ IP68GT available. Please add "GT" prior to the thread length (for example NVNV-M120GT-10).
(Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请将"GT"加在螺纹长度的前面。例如NVNV-M120GT-10)。
(有关PMAFIX IP68GT 管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32035
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32035

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

VWV 90° elbow, metric,
metal thread

For applications with high technical requirements.

VWV 90° 弯头, 公制,
金属螺纹

应用于高技术要求。



Order No. ▲ 订货号 ▲	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色N / 灰色M
# *VWV-M120-10	M12x1.5	10 12	10.0	37.5 x 39.5	- / 800
# *VWV-M120-5	M12x1.5	10 12	5.0	32.5 x 39.5	800 / 800
# *VWV-M160-10	M16x1.5	10 12	10.0	37.5 x 41.5	- / 800
# *VWV-M160-5	M16x1.5	10 12	5.0	32.5 x 41.5	800 / 800
# *VWV-M162-10	M16x1.5	12 16	10.0	42.0 x 46.5	-
# *VWV-M162-5	M16x1.5	12 16	5.0	37.0 x 46.5	800 / 800
# *VWV-M202-10	M20x1.5	12 16	10.0	42.0 x 49.0	- / 800
# *VWV-M202-6	M20x1.5	12 16	6.0	38.0 x 49.0	800 / 800
# *VWV-M207-10	M20x1.5	17 20	10.0	47.0 x 58.5	-
# *VWV-M207-6	M20x1.5	17 20	6.0	43.0 x 58.5	500 / 500
# *VWV-M253-11	M25x1.5	23 25	11.0	59.0 x 67.0	-
# *VWV-M253-7	M25x1.5	23 25	7.0	55.0 x 67.0	350 / 350
# *VWV-M329-13	M32x1.5	29 32	13.0	68.0 x 74.5	-
# *VWV-M329-8	M32x1.5	29 32	8.0	63.0 x 74.5	350 / 350
# *VWV-M406-13	M40x1.5	36 40	13.0	80.5 x 98.0	- / 200
# *VWV-M406-8	M40x1.5	36 40	8.0	75.5 x 98.0	200 / 200
# *VWV-M508-14	M50x1.5	48 50	14.0	95.5 x 111.0	- / 200
# *VWV-M508-9	M50x1.5	48 50	9.0	90.5 x 111.0	200 / 200
# *VWV-M638-14	M63x1.5	48 50	14.0	94.5 x 114.0	200 / 200
# *VWV-M638-10	M63x1.5	48 50	10.0	90.5 x 114.0	200 / 200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色
For the sizes NW 17 to NW 48 curved elbows of type VB are available
可提供标称内径17到48的VB曲线弯接头

▲ IP68GT available. Please add "GT" prior to the thread length (for example NVNV-M120GT-10).
(Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请将"GT"加在螺纹长度的前面。例如NVNV-M120GT-10)。
(有关PMAFIX IP68GT 管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32015
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32015

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6, nickel-plated brass thread
- Very high impact resistance
- High thread and system connection strength
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Polyamide free of halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4 and OR)
 - IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4 and OR)
- 特殊配方聚酰胺6和铜镀镍螺纹制成
- 极高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉的聚酰胺
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4和O型圈)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4和O型圈)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VN straight, PG

For cable protection systems in a wide range of applications.

VN 直型, PG螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66 订货号 IP66	Order No. IP68 ▲ 订货号 IP68 ▲	Thread PG 螺纹 PG	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread metric 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
						IP66 黑色B / 灰色S	IP68 黑色B / 灰色S
* VND-P07MGT-11	* VNV-P07M	07	07	10	11.0	34.5	- / 1500
# * VND-P07MGT-8	-	07	07	10	8.0	31.5	- / 1500
* VND-P070GT-11	* VNV-P070	07	10	12	11.0	36.5	- / 1500
# * VND-P070GT-8	-	07	10	12	8.0	33.5	- / 特定
# * VND-P072GT-11	* VNV-P072	07	12	16	11.0	39.0	- / 1500
# BVND-P072GT-8	-	07	12	16	8.0	36.0	1500
* VND-P09MGT-11	* VNV-P09M	09	07	10	11.0	34.5	- / 1500
# BVND-P09MGT-8	-	09	07	10	8.0	31.5	1500
* VND-P090GT-11	* VNV-P090	09	10	12	11.0	36.5	- / 1500
# * VND-P090GT-8	-	09	10	12	8.0	33.5	- / 1500
# * VND-P092GT-11	* VNV-P092	09	12	16	11.0	39.0	- / 1500
# BVND-P092GT-8	-	09	12	16	8.0	36.0	1500
# * VND-P097GT-11	* VNV-P097	09	17	20	11.0	47.5	- / 1500
# BVND-P097GT-8	-	09	17	20	8.0	44.5	1500
# * VND-P11MGT-11	* VNV-P11M	11	07	10	11.0	34.5	- / 1500
# BVND-P11MGT-8	-	11	07	10	8.0	31.5	1500
# * VND-P110GT-11	* VNV-P110	11	10	12	11.0	36.5	- / 1500
# BVND-P110GT-8	-	11	10	12	8.0	33.5	- / 1500
* VND-P112GT-11	* VNV-P112	11	12	16	11.0	39.0	- / 1500
# * VND-P112GT-8	-	11	12	16	8.0	36.0	- / 1500
* VND-P117GT-11	* VNV-P117	11	17	20	11.0	47.5	- / 1500
# BVND-P117GT-8	-	11	17	20	8.0	44.5	1500
# * VND-P13MGT-11	* VNV-P13M	13.5	07	10	11.0	34.5	- / 1500
# BVND-P13MGT-8	-	13.5	07	10	8.0	31.5	1500
# * VND-P130GT-11	* VNV-P130	13.5	10	12	11.0	36.5	- / 1500
# * VND-P130GT-8	-	13.5	10	12	8.0	33.5	1500 / 1500
* VND-P132GT-11	* VNV-P132	13.5	12	16	11.0	39.0	- / 1500
# * VND-P132GT-8	-	13.5	12	16	8.0	36.0	1500 / 1500
* VND-P137GT-11	* VNV-P137	13.5	17	20	11.0	47.5	- / 1500
# BVND-P137GT-8	-	13.5	17	20	8.0	44.5	1500
# BVND-P160GT-11	-	16	10	12	11.0	36.5	- / 1500
# BVND-P160GT-8	-	16	10	12	8.0	33.5	1500
* VND-P162GT-11	* VNV-P162	16	12	16	11.0	39.0	- / 1500
# * VND-P163GT-11	* VNV-P163	16	23	25	11.0	51.0	- / 1200
# BVND-P163GT-8	-	16	23	25	8.0	48.0	1200
* VND-P167GT-11	* VNV-P167	16	17	20	11.0	47.5	- / 1500
# * VND-P167GT-8	-	16	17	20	8.0	44.5	- / 1500
* VND-P213GT	* VNV-P213	21	23	25	12.0	52.0	- / 1500
# * VND-P296GT	* VNV-P296	29	36	40	12.0	67.5	- / 600
* VND-P299GT	* VNV-P299	29	29	32	12.0	53.0	- / 600
* VND-P366GT	* VNV-P366	36	36	40	13.0	66.0	- / 400
# * VND-P368GT	* VNV-P368	36	48	50	13.0	68.5	- / 400
# * VND-P428GT	* VNV-P428	42	48	50	13.0	68.5	400 / 400
* VND-P488GT	* VNV-P488	48	48	50	13.0	66.5	- / 400

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23003 / 23005 / 22000

要了解详细技术规格，请索取“技术数据表” DB-Nr.23003 / 23005 / 22000

标记为 # 的产品有最小起订量 (MOQ)，特定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66 & IP66/IP68

VNDZ/VNZ straight, PG,
strain relief

In machine and plant construction.

For the separation of damp and dry areas.

Furthermore, these connectors can especially be used where damp and dry areas have to be separated.

VNDZ/VNZ 直型, PG螺纹,
消除应力

适用于机械制造、厂房建设应用

也被应用于间隔干湿区域。

此外, 这些管接头可被特别用于间隔干湿区域。

Order No. IP66	Order No. IP68 ▲	Thread PG	Fits to conduit size NW	metric	Cable range	Thread length	Overall length	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	电缆 直径范围	螺纹 长度	总 长度	IP66 黑色B/灰色S	IP68 灰色S
*VNDZ-P090GT	*VNZ-P090S	09	10	12	4.0 - 8.0	7.5	56.0	—	—
*VNDZ-P112GT	*VNZ-P112S	11	12	16	5.0 - 10.0	8.0	60.5	— / 800	—
*VNDZ-P132GT	*VNZ-P132S	13.5	12	16	6.0 - 12.0	9.0	62.0	— / 800	—
*VNDZ-P137GT	*VNZ-P137S	13.5	17	20	6.0 - 12.0	9.0	69.0	500 / 500	500
*VNDZ-P167GT	*VNZ-P167S	16	17	20	10.0 - 14.0	10.0	72.0	—	—
*VNDZ-P163GT	*VNZ-P163S	16	23	25	10.0 - 14.0	10.0	79.0	360 / 360	360
*VNDZ-P213GT	*VNZ-P213S	21	23	25	13.0 - 18.0	11.0	82.0	—	—
*VNDZ-P299GT	*VNZ-P299S	29	29	32	18.0 - 25.0	11.0	85.0	—	—
*VNDZ-P366GT	*VNZ-P366S	36	36	40	22.0 - 32.0	13.0	112.0	— / 200	—
*VNDZ-P488GT	*VNZ-P488S	48	48	50	34.0 - 44.0	14.0	112.0	— / 200	—

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.25010 / 25000

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.25010 / 25000

标记为 # 的产品有最小起订量 (MOQ)

unit = mm

单位 = mm



- Specially formulated polyamide 6
- Very high impact resistance, high conduit pull-out strength
- Vibration-resistant connection to PMAFLEX conduits
- Easy mounting
- Integrated strain relief optimally holds and seals cables
- If several conductors are used with the connector multiple sealing inserts should be considered
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- For several conductors multiple sealing inserts are available (MDE)
- 特殊配方聚酰胺6制成
- 非常高的抗冲击强度, 高强度的抗拉能力
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 结合消除应力设计, 适当地固定和密封电缆
- 如果要安装多根导线, 可考虑多孔密封插入件MDE
- 非常良好的化学特性
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)
- 多孔密封插入件 (MDE) 可提供, 适合多根导线

IP66

VNDZ strain relief, straight
PG long thread

In machine and plant construction.

In railway track side applications.

Where damp and dry areas need to be separated.

Furthermore, these connectors can especially be used where damp and dry areas have to be separated.

VNDZ 消除应力, 直型
PG长螺纹

适用于机械制造、厂房建设及轨道旁应用

也被应用于间隔干湿区域。

此外, 这些管接头可被特别用于间隔干湿区域。

Order No. black	Thread PG	Fits to conduit size NW	metric	Seal range 密封范围		Thread length	Overall length	MOQ (pcs)
订货号 黑色	螺纹 PG	适配软管尺寸 标称内径	公制	Seal 1 黑色	Seal 2 灰色	螺纹 长度	总 长度	最小起订量 黑色
#BVNDZ-P112GT/xx	11	12	16	5.0 - 10.0	3.0 - 7.0	15.0	67.5	特定
#BVNDZ-P167GT/xx	16	17	20	10.0 - 14.0	7.0 - 12.0	15.0	77.0	特定
#BVNDZ-P163GT/xx	16	23	25	10.0 - 14.0	7.0 - 12.0	15.0	84.0	特定
#BVNDZ-P213GT/xx	21	23	25	13.0 - 18.0	9.0 - 16.0	15.0	86.0	特定
#BVNDZ-P299GT/xx	29	29	32	18.0 - 25.0	12.0 - 20.0	15.0	89.0	特定
#BVNDZ-P366GT/xx	36	36	40	22.0 - 32.0	20.0 - 26.0	18.0	117.0	特定
#BVNDZ-P488GT/xx	48	48	50	34.0 - 44.0	29.0 - 35.0	18.0	117.0	特定

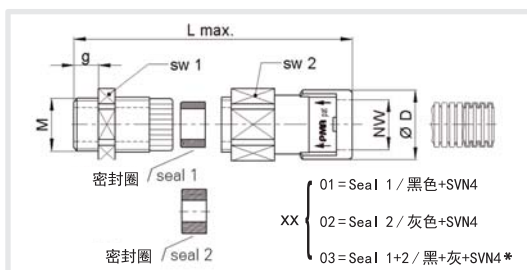
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.25001

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.25001

标记为 # 的产品有最小起订量 (MOQ), 特定 = MOQ需与工厂确认

unit = mm

单位 = mm

* Both seals 1+2 are supplied (only one should be fitted).
提供密封圈 seals 1+2 (装配时请使用其中一款)

- Specially formulated polyamide 6
- Extremely shock resistant
- Easy installation
- High conduit pull-out strength
- The integrated strain relief element optimally holds and seals cables
- If several conductors are used with the connector multiple sealing inserts should be considered
- Self-extinguishing
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2), strain relief insert (up to IP68 / 5 bar)
- For several conductors multiple sealing inserts are available (MDE)
- 特殊配方聚酰胺6制成
- 极佳的抗震性
- 易于安装
- 高强度的抗拉能力
- 结合消除应力设计, 可提供最佳的固定和密封电缆
- 如果要安装多根导线, 可考虑多孔密封插入件MDE
- 自熄灭性好
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2), 密封插入件 (最高可达 IP68 / 5 巴)
- 多孔密封插入件 (MDE) 可提供, 适合多根导线



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- Can be easily re-opened with a screwdriver
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -50°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP66: Fitting with pre-assembled universal safety clips (AFN2)
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
- IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 可以很容易地用螺丝刀多次开启
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -50°C 至 +105°C; 短期温度: +160°C
- 包装配件:
- IP66: 管接头和通用安全夹子 (AFN2)
- IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
- IP68: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP66: Fitting with pre-assembled universal safety clips (AFN2)
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
- IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
- IP66: 管接头和通用安全夹子 (AFN2)
- IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
- IP68: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VA 45° elbow, PG

For cable protection systems in a wide range of applications.

VA 45° 弯头, PG螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread PG	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	IP66 黑色B/灰色S	IP68 黑色B/灰色S
*VAD-P090GT	*VAV-P090	09	10	12	11.0	43.5 x 37.0	- / 800	800 / 800
*VAD-P112GT	*VAV-P112	11	12	16	11.0	47.5 x 39.5	- / 800	800 / 800
*VAD-P132GT	*VAV-P132	13.5	12	16	11.0	48.0 x 41.5	800 / 800	800 / 800
*VAD-P137GT	*VAV-P137	13.5	17	20	11.0	55.5 x 51.5	- / 800	800 / 800
*VAD-P167GT	*VAV-P167	16	17	20	11.0	55.5 x 51.5	- / 800	- / 800
*VAD-P213GT	*VAV-P213	21	23	25	11.0	63.0 x 58.0	- / 630	- / 600
*VAD-P299GT	*VAV-P299	29	29	32	12.0	69.0 x 66.0	- / 600	600 / 560
*VAD-P366GT	*VAV-P366	36	36	40	13.0	86.0 x 86.0	- / 420	- / 400
*VAD-P488GT	*VAV-P488	48	48	50	13.0	94.0 x 100.0	- / 320	300 / 300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。(有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23025 / 22020

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.23025 / 22020

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP68

VB 90° curved elbow, PG

For cable protection systems in a wide range of applications.

VB 90° 曲线弯头, PG螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread PG	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	IP66 灰色S	IP68 黑色B/灰色S
*VBD-P167GT	*VBV-P167	16	17	20	11.0	47.5 x 73.0	750	800 / 800
*VBD-P213GT	*VBV-P213	21	23	25	12.0	57.5 x 85.0	600	- / 600
*VBD-P299GT	*VBV-P299	29	29	32	12.0	67.5 x 96.0	560	600 / 600
*VBD-P366GT	*VBV-P366	36	36	40	13.0	79.0 x 123.0	400	400 / 400
*VBD-P488GT	*VBV-P488	48	48	50	13.0	92.5 x 135.0	300	300 / 300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。(有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23035 / 22030

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.23035 / 22030

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP68

VW 90° elbow, PG

For cable protection systems in a wide range of applications.

VW 90° 弯头, PG螺纹

在电缆保护系统中被广泛地应用



Order No. IP66 订货号 IP66	Order No. IP68 订货号 IP68	Thread PG 螺纹 PG	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量	
							IP66 黑色B/灰色S	IP68 黑色B/灰色S
* VWD-P07MGT-11	* VVV-P07M	07	07	10	11.0	32.0 x 35.0	-	800/800
* VWD-P07MGT-8	-	07	07	10	8.0	29.0 x 35.0	800/ 待定	-
* VWD-P070GT-11	* VVV-P070	07	10	12	11.0	34.0 x 39.5	-	800/800
* VWD-P070GT-8	-	07	10	12	8.0	31.0 x 39.5	800/ 待定	-
* VWD-P072GT-11	* VVV-P072	07	12	16	11.0	38.5 x 44.5	800/ 待定	800/800
* VWD-P072GT-8	-	07	12	16	8.0	35.5 x 44.5	800/ 待定	-
* VWD-P09MGT-11	* VVV-P09M	09	07	10	11.0	32.0 x 36.5	- / 800	800/800
* VWD-P09MGT-8	-	09	07	10	8.0	29.0 x 36.5	800/ 待定	-
* VWD-P090GT-11	* VVV-P090	09	10	12	11.0	34.0 x 39.5	-	- / 800
* VWD-P090GT-8	-	09	10	12	8.0	31.0 x 39.5	800/ 800	-
* VWD-P092GT-11	* VVV-P092	09	12	16	11.0	38.5 x 44.5	- / 800	800/800
* VWD-P092GT-8	-	09	12	16	8.0	35.5 x 44.5	800/ 待定	-
* VWD-P11MGT-11	* VVV-P11M	11	07	10	11.0	32.0 x 38.0	- / 800	800/800
* VWD-P11MGT-8	-	11	07	10	8.0	29.0 x 38.0	800/ 待定	-
* VWD-P110GT-11	* VVV-P110	11	10	12	11.0	34.0 x 41.0	- / 800	- / 800
* VWD-P110GT-8	-	11	10	12	8.0	31.0 x 41.0	800/ 待定	-
* VWD-P112GT-11	* VVV-P112	11	12	16	11.0	38.5 x 46.0	-	- / 800
* VWD-P112GT-8	-	11	12	16	8.0	35.5 x 46.0	800/ 800	-
* VWD-P13MGT-11	* VVV-P13M	13.5	07	10	11.0	32.0 x 39.5	800/ 800	800/800
* VWD-P13MGT-8	-	13.5	07	10	8.0	29.0 x 39.5	800/ 待定	-
* VWD-P130GT-11	* VVV-P130	13.5	10	12	11.0	34.0 x 42.5	- / 800	800/800
* VWD-P130GT-8	-	13.5	10	12	8.0	31.0 x 42.5	800/ 800	-
* VWD-P132GT-11	* VVV-P132	13.5	12	16	11.0	38.5 x 47.5	- / 800	800/800
* VWD-P132GT-8	-	13.5	12	16	8.0	35.5 x 47.5	800/ 800	-
* VWD-P137GT-11	* VVV-P137	13.5	17	20	11.0	43.5 x 58.5	- / 800	800/800
* VWD-P137GT-8	-	13.5	17	20	8.0	40.5 x 58.5	800/ 待定	-
* VWD-P167GT-11	* VVV-P167	16	17	20	11.0	43.5 x 58.5	-	- / 800
* VWD-P167GT-8	-	16	17	20	8.0	40.5 x 58.5	800/ 800	-
* VWD-P213GT	* VVV-P213	21	23	25	12.0	54.0 x 67.0	-	- / 600
* VWD-P299GT	* VVV-P299	29	29	32	12.0	61.5 x 74.5	-	- / 600
* VWD-P366GT	* VVV-P366	36	36	40	13.0	72.0 x 98.0	-	- / 400
* VWD-P488GT	* VVV-P488	48	48	50	13.0	85.5 x 111.0	-	300/300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

IP68GT管接头开始供应。请在订货号加上"GT"。(有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23015 / 22010

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23015 / 22010

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- Can be easily re-opened with a screwdriver
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 可以很容易地用螺丝刀多次开启
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6, nickel-plated brass thread
- Very high impact resistance, high thread and system connection strength
- Vibration-proof connection to PMAFLEX conduits
- Easy installation, high conduit pull-out strength
- Very good chemical properties, polyamide free of halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C

Content of delivery:

IP68GT: Fitting with pre-assembled universal safety clips (AFN2)

and conduit seal (NVN3-GT); thread seal (SVN4)

IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4)

- 特殊配方聚酰胺6制成, 黄铜镀镍螺纹制成
- 极高的抗冲击强度, 极高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装, 高强度的抗拉能力
- 非常良好的化学性能, 不含卤素和镉的聚酰胺
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

包装配件:

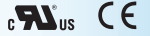
P68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4)

IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)

IP66/IP68

VNV straight, PG, metal thread

VNV 直型, PG, 金属螺纹



For applications with high technical requirements.

应用于高技术要求。

Order No. ▲	Thread PG	Fits to conduit size NW	metric	Thread length	Overall length	MOQ (pcs) 最小起订量
订货号 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹长度	总长度	灰色M
* VNV-P090	09	10	12	12.0	42.0	—
* VNV-P112	11	12	16	12.0	45.0	—
* VNV-P137	13.5	17	20	13.0	54.0	—
* VNV-P167	16	17	20	13.0	54.0	—
* VNV-P213	21	23	25	14.0	57.0	—
# * VNV-P293	29	23	25	14.0	62.5	360
* VNV-P299	29	29	32	14.0	58.5	—
* VNV-P366	36	36	40	17.0	75.5	—
* VNV-P488	48	48	50	17.0	75.5	—

* =Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32000

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32000

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6 thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Polyamide free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C

Content of delivery:

IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4)

IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4)

- 特殊配方聚酰胺6, 黄铜镀镍螺纹制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

包装配件:

IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4)

IP68: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)

IP66/IP68

VAV 45° elbow, PG,

VAV 45° 弯头, PG, 金属螺纹



For applications with high technical requirements.

应用于高技术要求。

Order No. ▲	Thread PG	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量
订货号 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹长度	外部尺寸	黑色N/ 灰色M
# * VAV-P090	09	10	12	12.0	50.5 x 37.0	— / 800
# * VAV-P112	11	12	16	12.0	55.0 x 40.5	— / 800
# * VAV-P137	13.5	17	20	13.0	63.5 x 50.0	800 / 500
# * VAV-P167	16	17	20	13.0	63.5 x 50.0	— / 500
# * VAV-P213	21	23	25	14.0	73.0 x 60.5	— / 360
# * VAV-P299	29	29	32	14.0	78.0 x 68.0	— / 320
# * VAV-P366	36	36	40	17.0	98.0 x 87.5	— / 200
# * VAV-P488	48	48	50	17.0	105.0 x 101.0	— / 200

* =Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或 "M" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32020

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.32020

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

VBV 90° curved elbow,
PG, metal thread

For applications with high technical requirements.

VBV 90° 曲线弯头,
PG 制, 金属螺纹

应用于高技术要求。



Order No. ▲	Thread PG	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量
订货号 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	灰色M
# * VBV-P167	16	17	20	13.0	54.0 x 73.0	500
# * VBV-P213	21	23	25	14.0	65.5 x 85.0	360
# * VBV-P299	29	29	32	14.0	75.0 x 96.0	360
# * VBV-P366	36	36	40	17.0	90.5 x 123.0	200
# * VBV-P488	48	48	50	17.0	103.5 x 135.0	200

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或"M" 订灰色

For smaller conduit sizes NW 10 to NW 12 appropriate standard elbows of type VW are available

可提供标称内径10到12的VW弯头

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32030

要了解详细技术规格, 请索取“技术数据表”DB-Nr.32030

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6 thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Polyamide free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4)
- IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4)

- 特殊配方聚酰胺6, 黄铜镀镍螺纹制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4)
- IP68: 管接头和椭圆形夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)

IP66/IP68

VWV 90° elbow, PG, metal thread

For applications with high technical requirements.

VWV 90° 弯头, PG, 金属螺纹

应用于高技术要求。



Order No. ▲	Thread PG	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量
订货号 ▲	螺纹 PG	适配软管尺寸 标称内径	公制	螺纹 长度	外部 尺寸	黑色N/ 灰色M
# * VWV-P090	09	10	12	12.0	39.5 x 39.5	- / 800
# * VWV-P112	11	12	16	12.0	45.5 x 45.0	-
# * VWV-P137	13.5	17	20	13.0	50.0 x 58.5	-
# * VWV-P167	16	17	20	13.0	50.0 x 58.5	-
# * VWV-P213	21	23	25	14.0	62.0 x 67.0	-
# * VWV-P299	29	29	32	14.0	69.0 x 74.5	-
# * VWV-P366	36	36	40	17.0	83.5 x 98.5	200 / -
# * VWV-P488	48	48	50	17.0	97.0 x 111.5	200 / -

* = Replace with "N" to order black or "M" to order grey / * = "N" 订黑色或"M" 订灰色

For the sizes NW 17 to NW 48 curved elbows of type VB are available

可提供标称内径17到48的VB曲线弯头

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32010

要了解详细技术规格, 请索取“技术数据表”DB-Nr.32010

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6 thread made of nickel-plated brass
 - Very high impact resistance
 - Vibration-proof connection to PMAFLEX conduits
 - Easy installation
 - High conduit pull-out strength
 - Very good chemical properties
 - Polyamide free from halogens and cadmium
 - Extremely high thread and system connection strength
 - Fits both conduit profiles-fine (T) and coarse (G)
 - Temperature range: -40°C to +105°C; Short-term: +160°C
 - Content of delivery:
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread seal (SVN4)
 - IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, SVN4)
- 特殊配方聚酰胺6, 黄铜镀镍螺纹制成
 - 非常高的抗冲击强度
 - 配合PMAFLEX软管使用具有很好的防震作用
 - 易于安装
 - 高强度的抗拉能力
 - 非常好的化学性能
 - 不含卤素和镉
 - 极高强度的螺纹和系统连接
 - 适用类型-细波纹 (T) 和粗波纹 (G)
 - 温度范围: -40°C 至 +105°C; 短期温度: +160°C
 - 包装配件:
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹密封圈 (SVN4)
 - IP68: 管接头和椭圆形夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy assembly
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 特殊配方聚酰胺6
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VN straight, GAS

For cable protection systems in a wide range of applications.

VN 直型, GAS 螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66 ▲	Order No. IP68 ▲	Thread Gas	Fits to conduit size NW	metric	Thread length	Overall length	MOQ (pcs) 最小起订量	
订货号 IP66 ▲	订货号 IP68 ▲	螺纹 Gas	适配软管尺寸 标称内径	公制	螺纹 长度	总 长度	IP66 灰色S	IP68 黑色B/灰色S
#*VND-G00MGT	#* VNV-G00M	1/4 "	07	10	11.0	34.5	1500	1500 / 1500
#*VND-G000GT	#* VNV-G000	1/4 "	10	12	11.0	36.5	1500	1500 / 1500
#*VND-G010GT	#* VNV-G010	3/8 "	10	12	11.0	36.5	1500	- / 1500
#*VND-G012GT	#* VNV-G012	3/8 "	12	16	11.0	39.0	1500	- / 1500
#*VND-G022GT	#* VNV-G022	1/2 "	12	16	13.0	41.0	1500	- / 1500
#*VND-G027GT	#* VNV-G027	1/2 "	17	20	13.0	49.5	1500	- / 1500
#*VND-G043GT	#* VNV-G043	3/4 "	23	25	14.0	54.0	1200	- / 1200
#*VND-G069GT	#* VNV-G069	1 "	29	32	15.0	56.0	800	- / 800
#*VND-G076GT	#* VNV-G076	1 1/4 "	36	40	18.0	71.0	600	- / 600
#*VND-G088GT	#* VNV-G088	1 1/2 "	48	50	18.0	71.5	400	400 / 400
#*VND-G098GT	#* VNV-G098	2 "	48	50	18.0	71.5	400	400 / 400

* =Replace with "B" to order black or "S" to order grey / * ="B"订黑色或"S"订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。 有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23006/22005

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23006/22005

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP68

VW 90° elbow, GAS

For cable protection systems in a wide range of applications.

VW 90° 弯头, GAS 螺纹

在电缆保护系统中被广泛地应用。



Table with 9 columns: Order No. IP66, Order No. IP68, Thread Gas, Fits to conduit size NW, Thread length, External dimensions, and MOQ (pcs) for IP66 and IP68. It lists various part numbers like VWD-G00MGT, VWV-G00M, etc., and their corresponding specifications.

* =Replace with "B" to order black or "S" to order grey / * ="B"订黑色或"S"订灰色
IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).
IP68GT管接头开始供应。请在订货号加上"GT"。 有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23016/22011
要了解详细技术规格, 请索取"技术数据表" DB-Nr.23016/22011
标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
IP68: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- Specially formulated polyamide 6
- Very high impact resistance
- Vibration-resistant connection to PMA conduits
- Easy installation
- High conduit pull-out strength
- Integrated strain relief optimally holds and seals cables
- If several conductors are used with the connector multiple sealing inserts should be considered
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
IP66: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)
- 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 结合消除应力设计，适当的固定和密封电缆
- 如果要安装多根导线，可考虑多孔密封插入件
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VN straight, NPT

For cable protection systems in a wide range of applications.

VN 直型, NPT 螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66 订货号 IP66	Order No. IP68 ▲ 订货号 IP68 ▲	Thread NPT 螺纹 NPT	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 黑色B / 灰色S	IP68 黑色B / 灰色S
—	* * VNV-N020	1/2"	10	12	13.0	38.5	— / —	1500 / 待定
* * VND-N022GT	* * VNV-N022	1/2"	12	16	13.0	41.5	— / 1500	— / 1600
* * VND-N027GT	* * VNV-N027	1/2"	17	20	13.0	49.5	— / 1500	— / 1500
* * VND-N043GT	* * VNV-N043	3/4"	23	25	14.0	54.0	— / 1260	— / 1200
* * VND-N069GT	* * VNV-N069	1"	29	32	15.0	56.0	— / 800	— / 800
* * VND-N076GT	* * VNV-N076	1 1/4"	36	40	18.0	71.0	— / 600	— / 600
* * VND-N088GT	* * VNV-N088	1 1/2"	48	50	18.0	71.5	— / 400	— / 400
* * VND-N098GT	* * VNV-N098	2"	48	50	18.0	71.5	440 / 待定	— / 待定

* = Replace with "B" to order black or "S" to order grey / * = "B"订黑色或"S"订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23008/22004

要了解详细技术规格，请索取“技术数据表”DB-Nr.23008/22004

标记为 # 的产品有最小起订量 (MOQ)，待定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66/IP68

VNZ with strain relief, straight

In machine and plant construction

For the separation of damp and dry areas.

Furthermore, these connectors can especially be used where damp and dry areas have to be separated.

VNZ 消除应力, 直型



通常用于机械制造和厂房建设

用于分离干湿区域。

此外，这些管接头可被特别用于间隔干湿区域。

Order No. black 订货号 黑色	Thread NPT 螺纹 NPT	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Cable range 电缆 直径范围	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
							黑色
BVNZ-N012S	3/8"	12	16	5.0 - 10.0	15.5	68.0	—
BVNZ-N027S	1/2"	17	20	10.0 - 14.0	15.0	77.0	—
BVNZ-N043S	3/4"	23	25	14.0 - 18.0	15.0	86.0	—
# BVNZ-N069S	1"	29	32	19.0 - 25.0	18.0	92.0	待定
# BVNZ-N076S	1 1/4"	36	40	22.0 - 32.0	18.0	117.0	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.25003

要了解详细技术规格，请索取“技术数据表”DB-Nr.25003

标记为 # 的产品有最小起订量 (MOQ)，待定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66 & IP66/IP68

VA 45° elbow, NPT

For cable protection systems in a wide range of applications.

VA 45°弯头, NPT 螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread NPT	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 NPT	适配软管 标称内径	尺寸 公制	螺纹 长度	外部 尺寸	IP66 黑色B / 灰色S	IP68 灰色S
# *VAD-N022GT	# *VAV-N022	1/2"	12	16	13.0	49.5 x 42.2	800/800	800
# *VAD-N027GT	# *VAV-N027	1/2"	17	20	13.0	59.3 x 52.3	700/800	750
# *VAD-N043GT	# *VAV-N043	3/4"	23	25	14.0	67.8 x 60.5	600/600	600
# *VAD-N069GT	# *VAV-N069	1"	29	32	15.0	72.2 x 67.2	600/600	560
# *VAD-N076GT	# *VAV-N076	1 1/4"	36	40	18.0	92.5 x 86.4	400/420	400
# *VAD-N088GT	# *VAV-N088	1 1/2"	48	50	18.0	99.0 x 96.5	320/320	300
# *VAD-N098GT	# *VAV-N098	2"	48	50	18.0	99.0 x 100.5	200/ 待定	待定

* = Replace with "B" to order black or "S" to order grey / * = "B"订黑色或"S"订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23028/22024

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23028/22024

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能
- 不含卤素和镉
- 适用软管型号-(类型) 细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66 & IP66/IP68

VW 90° elbow, NPT

For cable protection systems in a wide range of applications.

VW 90°弯头, NPT 螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Thread NPT	Fits to conduit size NW	metric	Thread length	External dimensions	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	螺纹 NPT	适配软管尺寸 标称内径	尺寸 公制	螺纹 长度	外部 尺寸	IP66 黑色B / 灰色S	IP68 灰色S
# *VWD-N022GT	# *VWV-N022	1/2"	12	16	13.0	40.5 x 47.5	- / 800	800
# *VWD-N027GT	# *VWV-N027	1/2"	17	20	13.0	45.5 x 58.5	- / 800	800
# *VWD-N043GT	# *VWV-N043	3/4"	23	25	14.0	56.0 x 66.5	- / 600	600
# *VWD-N069GT	# *VWV-N069	1"	29	32	15.0	64.5 x 73.5	- / 600	600
# *VWD-N076GT	# *VWV-N076	1 1/4"	36	40	18.0	77.0 x 96.0	- / 400	400
# *VWD-N088GT	# *VWV-N088	1 1/2"	48	50	18.0	90.5 x 106.0	300 / 300	300
# *VWD-N098GT	# *VWV-N098	2"	48	50	18.0	90.5 x 111.0	300 / 300	待定

* = Replace with "B" to order black or "S" to order grey / * = "B"订黑色或"S"订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23018/22015

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23018/22015

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation: simply push the conduit in
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); thread gasket (SVN4))
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 易于安装: 简单的软管推入式安装
- 非常好的化学性能
- 可以很容易地用螺丝刀多次开启
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2) 和软管密封圈 (NVN3-GT); 螺纹垫圈 (SVN4)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6 thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Polyamide free of halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级，特殊配方聚酰胺6制成
螺纹由黄铜镀镍制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常好的化学特性
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C；短期温度：+160°C
- 包装配件：
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66/IP68

VNV straight, IP68, NPT metal thread

For applications with high technical requirements.

VNV 直型, NPT 制, 金属螺纹

应用于高技术要求。



Order No. black 订货号 黑色	Thread NPT 螺纹 NPT	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Thread length 螺纹 长度	Inside diameter 内径	Overall length 总 长度	MOQ (pcs) 最小起订量 黑色N
# NVNV-N022	1/2"	12	16	15.4	12.4	48.1	100
# NVNV-N027	1/2"	17	20	15.4	12.8	56.4	100
# NVNV-N043	3/4"	23	25	15.7	17.3	58.7	100
# NVNV-N069	1"	29	32	19.6	23.2	63.9	100
# NVNV-N076	1 1/4"	36	40	20.2	31.2	78.6	100
# NVNV-N088	1 1/2"	48	50	20.6	37.0	79.0	100
# NVNV-N098	2"	48	50	21.4	47.5	79.8	100

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.22007

要了解详细技术规格，请索取“技术数据表”DB-Nr.22007

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

UNV-UL straight, metric

For cable protection systems in a wide range of applications.
Excellent fire characteristics allow application in public buildings
like hospitals, hotels, airports, train and subway stations, shopping
centres etc.

For use according to National Electric Code (NEC) NFPA 70,
Article 356.

UNV-UL 直型, 公制螺纹

在电缆保护系统中被广泛地应用。
具有优异的防火性能, 适用于公共建筑,
如: 医院、酒店、机场、火车站和地铁站、购物中心等。
符合美国国家电工法规 (NEC) NFPA70条中的第356条款。



Order No. 订货号	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Profile 波纹	Thread length 螺纹 长度	Thread length 总 长度	MOQ (pcs) 最小起订量 灰色S
*UNV-M207-UL	M20x1.5	17	20	G	11.0	47.5	—
#*UNV-M257-UL	M25x1.5	17	20	G	12.0	48.5	50
#*UNV-M253-UL	M25x1.5	23	25	G	12.0	52.0	30
#*UNV-M323-UL	M32x1.5	23	25	G	15.0	55.5	30
#*UNV-M329-UL	M32x1.5	29	32	G	15.0	56.0	20
#*UNV-M409-UL	M40x1.5	29	32	G	19.0	60.0	800
#*UNV-M406-UL	M40x1.5	36	40	G	19.0	72.5	20
#*UNV-M506-UL	M50x1.5	36	40	G	19.0	72.0	20
#*UNV-M508-UL	M50x1.5	48	50	G	19.0	72.5	10
#*UNV-M638-UL	M63x1.5	48	50	G	19.0	72.0	10

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24215
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.24215

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- Temperature range: -40°C to +105°C (PMA-Norm DO 9.21-4510)
-25°C to +60°C (UL 514B)
- Short-term: +160°C
- Content of delivery:
IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- 温度范围: -40°C 至 +105°C (PMA-Norm DO 9.21-4510)
-25°C 至 +60°C (UL 514B)
- 短期温度: +160°C
- 包装配件:
IP68: 管接头和椭圆形型夹子 (AUN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66/IP68

UAV-UL 45° elbow, metric thread

For cable protection systems in a wide range of applications.
Excellent fire characteristics allow application in public buildings
like hospitals, hotels, airports, train and subway stations,
shopping centres etc.

For use according to National Electric Code (NEC) NFPA 70,
Article 356

UAV-UL 45°弯头, 公制螺纹

在电缆保护系统中被广泛地应用。
具有优异的防火性能, 适用于公共建筑,
如: 医院、酒店、机场、火车站和地铁站、购物中心等。
符合美国国家电工法规 (NEC) NFPA70条中的第356条款。



Order No. 订货号	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管 标称内径	metric 尺寸 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 灰色S
# * UAV-M207-UL	M20 x 1.5	17	20	11.0	51.5 x 55.5	750
# * UAV-M253-UL	M25 x 1.5	23	25	12.0	58.5 x 65.0	600
# * UAV-M329-UL	M32 x 1.5	29	32	15.0	66.5 x 73.5	600
# * UAV-M406-UL	M40 x 1.5	36	40	19.0	85.5 x 92.5	400
# * UAV-M506-UL	M50 x 1.5	36	40	19.0	89.5 x 92.5	400
# * UAV-M508-UL	M50 x 1.5	48	50	19.0	96.0 x 100.0	300
# * UAV-M638-UL	M63 x 1.5	48	50	19.0	104.0 x 100.0	300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24235
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.24235

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- Temperature range: -40°C to +105°C (PMA-Norm DO 9.21-4510)
-25°C to +60°C (UL 514B)
- Short-term: +160°C
- Content of delivery:
IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- 温度范围: -40°C 至 +105°C (PMA-Norm DO 9.21-4510)
-25°C 至 +60°C (UL 514B)
- 短期温度: +160°C
- 包装配件:
IP68: 管接头和椭圆形型夹子 (AUN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- **Temperature range:** -40°C to +105°C (PMA-Norm DO 9.21-4510);
-25°C to +60°C (UL 514B)
- **Short-term:** +160°C
- **Content of delivery:**
IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and
thread gasket (SVN4)
- 高级, 特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- **温度范围:** -40°C 至 +105°C(PMA-Norm DO 9.21-4510);
-25°C 至 +60°C(UL 514B)
- **短期温度:** +160°C
- **包装配件:**
IP68: 管接头和椭圆型夹子 (AUN2), 软管密封圈 (NVN3)
和螺纹垫圈 (SVN4)

IP66/IP68

UWV-UL 90° elbow, metric thread

For cable protection systems in a wide range of applications.
Excellent fire characteristics allow application in public buildings
like hospitals, hotels, airports, train and subway stations,
shopping centres etc.

For use according to National Electric Code (NEC) NFPA 70,
Article 356



UWV-UL 90°弯头, 公制螺纹

在电缆保护系统中被广泛地应用。
具有优异的防火性能, 适用于公共建筑,
如: 医院、酒店、机场、火车站和地铁站、购物中心等。
符合美国国家电工法规 (NEC) NFPA70条中的第356条款。

Order No.	Thread metric	Fits to conduit size NW metric		Thread length	External dimensions	MOQ (pcs) 最小起订量
订货号	螺纹 公制	适配软管 标称内径	尺寸 公制	螺纹 长度	外部 尺寸	灰色S
# * UWV-M207-UL	M20 x 1.5	17	20	11.0	43.5 x 58.5	50
# * UWV-M253-UL	M25 x 1.5	23	25	12.0	54.0 x 65.0	30
# * UWV-M329-UL	M32 x 1.5	29	32	15.0	64.5 x 73.0	20
# * UWV-M406-UL	M40 x 1.5	36	40	19.0	78.0 x 96.0	20
# * UWV-M508-UL	M50 x 1.5	48	50	19.0	91.5 x 106.0	300

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24255

要了解详细技术规格, 请索取“技术数据表” DB-Nr.24255

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

UNV-UL straight, NPT

For cable protection systems in a wide range of applications. Excellent fire characteristics allow application in public buildings like hospitals, hotels, airports, train and subway stations, shopping centres etc. For use according to National Electric Code (NEC) NFPA 70, Article 356.

UNV-UL 直型, NPT 螺纹

在电缆保护系统中被广泛地应用。具有优异的防火性能, 适用于公共建筑, 如: 医院、酒店、机场、火车站和地铁站、购物中心等。符合美国国家电工法规 (NEC) NFPA70 条中的第356条款。



Order No.	Thread NPT	Fits to conduit size		Profile	Thread length	Thread length	MOQ (pcs)
订货号	螺纹 NPT	适配软管尺寸	公制	波纹	螺纹长度	总长度	最小起订量
# * UNV-N027-UL	1/2"	17	20	G	13.0	49.5	1500
# * UNV-N043-UL	3/4"	23	25	G	14.0	54.0	1200
# * UNV-N069-UL	1"	29	32	G	15.0	56.0	800
# * UNV-N076-UL	1 1/4"	36	40	G	18.0	71.0	600
# * UNV-N088-UL	1 1/2"	48	50	G	18.0	71.5	400
# * UNV-N098-UL	2"	48	50	G	18.0	71.5	待定

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24213

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.24213

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- Temperature range: -40°C to +105°C (PMA-Norm DO 9.21-4510)
- -25°C to +60°C (UL 514B)
- Short-term: +160°C
- Content of delivery: IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- 温度范围: -40°C 至 +105°C (PMA-Norm DO 9.21-4510)
- -25°C 至 +60°C (UL 514B)
- 短期温度: +160°C
- 包装配件: IP68: 管接头和椭圆型夹子 (AUN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66/IP68

UAV-UL 45° elbow, NPT thread

For cable protection systems in a wide range of applications. Excellent fire characteristics allow application in public buildings like hospitals, hotels, airports, train and subway stations, shopping centres etc. For use according to National Electric Code (NEC) NFPA 70, Article 356.

UAV-UL 45°弯头, NPT螺纹

在电缆保护系统中被广泛地应用。具有优异的防火性能, 适用于公共建筑, 如: 医院、酒店、机场、火车站和地铁站、购物中心等。符合美国国家电工法规 (NEC) NFPA70 条中的第356条款。



Order No.	Thread NPT	Fits to conduit size		Thread length	External dimensions	MOQ (pcs)
订货号	螺纹 NPT	适配软管尺寸	公制	螺纹长度	外部尺寸	最小起订量
# * UAV-N027-UL	1/2"	17	20	13.0	51.5 x 57.5	50 / 800
# * UAV-N043-UL	3/4"	23	25	14.0	60.0 x 67.0	- / 600
# * UAV-N069-UL	1"	29	32	15.0	67.0 x 73.5	- / 600
# * UAV-N076-UL	1 1/4"	36	40	18.0	85.5 x 91.5	- / 400
# * UAV-N088-UL	1 1/2"	48	50	18.0	96.0 x 99.0	- / 320
# * UAV-N098-UL	2"	48	50	18.0	101.0 x 99.0	- / 待定

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24233

要了解详细技术规格, 请索取 "技术数据表" DB-Nr.24233

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- Temperature range: -40°C to +105°C (PMA-Norm DO 9.21-4510); -25°C to +60°C (UL 514B)
- Short-term: +160°C
- Content of delivery: IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级, 特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- 温度范围: -40°C 至 +105°C (PMA-Norm DO 9.21-4510); -25°C 至 +60°C (UL 514B)
- 短期温度: +160°C
- 包装配件: IP68: 管接头和椭圆型夹子 (AUN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)



- High-grade, specially formulated polyamide 6
- Extremely high impact resistance
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits conduit profile coarse (G)
- **Temperature range:** -40°C to +105°C (PMA-Norm DO 9.21-4510);
-25°C to +60°C (UL 514B)
- **Short-term:** +160°C
- **Content of delivery:**
IP68: Fitting with oval clips (AUN2), conduit seal (NVN3) and thread gasket (SVN4)

- 高级，特殊配方聚酰胺6制成
- 极高的抗冲击能力
- 配合PMAFLEX软管使用具有良好的防震作用
- 易于安装
- 高抗拉强度
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型 - 粗波纹 (G)
- **温度范围:** -40°C 至 +105°C (PMA-Norm DO 9.21-4510);
-25°C 至 +60°C (UL 514B)
- **短期温度:** +160°C
- **包装配件:**
IP68: 管接头和椭圆型夹子 (AUN2), 软管密封圈 (NVN3) 和螺纹垫圈 (SVN4)

IP66/IP68

UWV-UL 90° elbow, NPT thread

For cable protection systems in a wide range of applications. Excellent fire characteristics allow application in public buildings like hospitals, hotels, airports, train and subway stations, shopping centres etc.

For use according to National Electric Code (NEC) NFPA 70, Article 356.



UWV-UL 90°弯头, NPT螺纹

在电缆保护系统中被广泛地应用。具有优异的防火性能，适用于公共建筑，如：医院、酒店、机场、火车站和地铁站、购物中心等。符合美国国家电工法规 (NEC) NFPA70条中的第356条款。

Order No. 订货号	Thread NPT 螺纹 NPT	Fits to conduit size NW metric 适配软管 尺寸 标称内径 公制		Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 灰色S
# *UWV-N027-UL	1/2"	17	20	13.0	58.5 x 45.5	800
# *UWV-N043-UL	3/4"	23	25	14.0	66.5 x 56.0	600
# *UWV-N069-UL	1"	29	32	15.0	73.5 x 64.5	600
# *UWV-N076-UL	1 1/4"	36	40	18.0	96.0 x 77.0	400
# *UWV-N088-UL	1 1/2"	48	50	18.0	106.0 x 90.5	300
# *UWV-N098-UL	2"	48	50	18.0	111.0 x 90.5	待定

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24253

要了解详细技术规格，请索取“技术数据表”DB-Nr.24253

标记为 # 的产品有最小起订量 (MOQ)，待定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66 & IP66/IP68

VO flange 90°

For cable protection systems in a wide range of applications.

VO 90° 法兰

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Fits to conduit size NW	metric	Dimensions width x length x depth	Screw sizes	MOQ (pcs) 最小起订量
订货号 IP66	订货号 IP68 ▲	适配软管 标称内径	尺寸 公制	尺寸 宽 x 长 x 深	螺钉 大小	IP66 灰色S
*VOD-P167GT	*VOV-P167	17	20	47.0 x 66.0 x 36.0	2 x M5	—
*VOD-P213GT	*VOV-P213	23	25	66.0 x 70.0 x 43.5	2 x M6	—
*VOD-P299GT	*VOV-P299	29	32	67.5 x 78.5 x 50.0	4 x M6	—
# *VOD-P366GT	*VOV-P366	36	40	86.0 x 103.0 x 66.0	4 x M6	360
*VOD-P488GT	*VOV-P488	48	50	86.0 x 119.0 x 78.0	4 x M6	—

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或"S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23060/22060

要了解详细技术规格，请索取“技术数据表”DB-Nr.23060/22060

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Standard flange seal FG04 made from EPDM, flange seal FG04 / 01 made from NBR on demand
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- High conduit pull-out strength, easy installation
- Can be easily re-opened with a screwdriver
- Very good chemical properties, free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C
- Content of delivery:

IP66: Fitting with pre-assembled universal safety clips (AFN2), flange seal (FG04)

IP68GT: Fitting with pre-assembled universal safety clips (AFN2), flange seal (FG04) and conduit seal (NVN3-GT)

IP68: Fitting with oval clips (OVN2), flange seal (FG04) and conduit seal (NVN3)

- 高级，特殊配方聚酰胺6制成
- 法兰密封圈FG04由EPDM制成，按要求可提供由NBR制成的法兰密封圈FG04 / 01
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力，易于安装
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能，不含卤素和镉
- 适用软管类型- 细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C
- 包装配件：

IP68: 管接头和通用安全夹子 (AFN2)，法兰密封圈 (FG04)

IP68GT: 管接头和通用安全夹子 (AFN2)，法兰密封圈 (FG04) 和软管密封圈 (NVN3-GT)；

IP68: 管接头和椭圆型夹子 (OVN2)，法兰密封圈 (FG04) 和软管密封圈 (NVN3)

B00 connector 90°, with flange

For door closing systems, machine building.

B00 90° 接头，带法兰

应用于门关闭系统和机械制造。

Order No.	With wedge	Fits to conduit size NW	metric	Dimensions width x length x depth	MOQ (pcs)
订货号	带 楔块	适配软管尺寸 标称内径	尺寸 公制	尺寸 宽 x 长 x 深	最小起订量 黑色B 模块B
*B00-NW07		07	10	32.0 x 27.0 x 12.0	—
*B00-NW10		10	12	35.0 x 28.5 x 15.0	—
# *B00-NW48	# *B00-NW48 / K	48	50	92.0 x 103.0 x 58.5	360

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或"S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.28101

要了解详细技术规格，请索取“技术数据表”DB-Nr.28101

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6
- Extremely shock resistant
- Conduit can be pre-mounted in fitting
- Easy to mount and dismount
- High pull-out strength values
- Allows turning of conduit
- Self-extinguishing, free of halogen and cadmium
- Fits both conduit profiles - fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: to +160°C
- Chemical resistance: to fuels, mineral oils, fats, alkalis and weak acids

• Content of delivery: flange

- 特殊配方聚酰胺6制成
- 极佳的抗震性
- 软管可预先安装
- 安装和拆卸简单
- 良好的抗拉强度
- 软管允许旋转
- 自熄灭性，不含卤素和镉
- 适用软管类型- 细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C，短期温度+160°C
- 耐化学性：防燃油、矿物油、脂肪、碱、弱酸
- 包装配件：法兰



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **VIR:** IP68 static / IP67 dynamic, conduit side
- **VID:** IP66 static / IP54 dynamic, conduit side
- **Temperature range:** -40°C to +105°C; **Short-term:** to +160°C
- **Content of delivery:**
- IP66: Fitting with pre-assembled universal safety clips (AFN2)
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT)
- IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- **VIR:** IP68 静态 / IP67 动态, 软管部分
- **VID:** IP66 静态 / IP54 动态, 软管部分
- **温度范围:** -40°C 至 +105°C; **短期温度:** +160°C
- **包装配件:**
- IP66: 管接头和通用安全夹子 (AFN2)
- IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT)
- IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:** Fitting with clips (OVN2), conduit seal (NVN3) and OR

- 高级, 特殊配方聚酰胺6
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- **温度范围:** -40°C 至 +105°C; **短期温度:** +160°C
- **包装配件:** 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3) 和O型圈

IP66 & IP66/IP68

VI metric, female thread

For cable protection systems in a wide range of applications.

VI 公制, 内螺纹

在电缆保护系统中被广泛地应用。



Order No. IP66, black 订货号 IP66, 黑色	Order No. IP68, black ▲ 订货号 IP68, 黑色 ▲	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
						IP66 黑色B	IP68 黑色B
BVID-M12MGT	—	M12x1.5	07	10	8.0	32.0	—
BVID-M160GT	BVIR-M160	M16x1.5	10	12	8.0	33.5	—
BVID-M162GT	BVIR-M162	M16x1.5	12	16	8.0	36.5	—
—	BVIR-M202	M20x1.5	12	16	8.0	36.5	—
BVID-M207GT	BVIR-M207	M20x1.5	17	20	8.0	44.5	—
BVID-M253GT	BVIR-M253	M25x1.5	23	25	8.0	48.5	—
—	BVIR-M257	M25x1.5	17	20	8.0	44.5	—
BVID-M329GT	BVIR-M329	M32x1.5	29	32	10.0	51.5	—
BVID-M406GT	BVIR-M406	M40x1.5	36	40	10.0	65.5	—
# BVID-M508GT	BVIR-M508	M50x1.5	48	50	10.0	65.5	400
BVID-M638GT	# BVIR-M638	M63x1.5	48	50	10.0	65.5	200

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIF IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIF IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21092/21090

要了解详细技术规格, 请索取“技术数据表”DB-Nr.21092/21090

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP67/IP68

VIVG female thread adapter, metric thread

In machine, vehicle and traction building industries.

VIVG 内螺纹适配器, 公制螺纹

应用于机械, 车辆和铁路机车制造行业。



Order No. black 订货号 黑色	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
					黑色
# BVIVG-M120	M12x1.5	10	12	10.0	35.5
# BVIVG-M252	M25x1.5	12	16	9.0	40.5
# BVIVG-M353/01	M35x1.75	23	25	9.0	52.0
# BVIVG-M359/01	M35x1.75	29	32	9.0	52.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.22055

要了解详细技术规格, 请索取“技术数据表”DB-Nr.22055

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm

IP66/IP68

VIRF female thread adapter
for FCI connectors, metric thread

In traction industry.

VIRF 内螺纹适配器，
适配FCI连接器，公制螺纹



应用于轨道交通行业。

Order No. black 订货号 黑色	Thread metric 螺纹 公制	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 黑色B
# BVIRF-M352	M35x1.5	12	16	7.5	50.0	750
# BVIRF-M357	M35x1.5	17	20	8.0	54.5	450
# BVIRF-M353	M35x1.5	23	25	8.0	60.0	待定
# BVIRF-M529	M52x1.5	29	32	10.0	61.0	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.22050
要了解详细技术规格，请索取“技术数据表”DB-Nr.22050
标记为 # 的产品有最小起订量（MOQ），待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
 - Very high impact resistance
 - Suitable for the FCI connector series Souriau 838
 - Vibration-proof connection to PMAFLEX conduits
 - High conduit pull-out strength
 - Very good chemical properties
 - Free from halogens and cadmium
 - Fits both conduit profiles-fine (T) and coarse (G)
 - Temperature range: -40°C to +105°C; Short-term: +160°C
 - Content of delivery: IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)
- 高级，特殊配方聚酰胺6制成
 - 非常高的抗冲击强度
 - 可配合FCI Souriau 838系列连接器
 - 配合PMAFLEX软管使用具有很好的防震作用
 - 高强度的抗拉能力
 - 非常好的化学性能
 - 不含卤素和镉
 - 适用软管类型-细波纹 (T) 和粗波纹 (G)
 - 温度范围：-40°C 至 +105°C；短期温度：+160°C
 - 包装配件：IP68：管接头和椭圆形夹子 (OVN2)，软管密封圈 (NVN3)



- High-grade, specially formulated polyamide 6, thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **VIR:** IP68 static / IP67 dynamic, conduit side
- **Temperature range:** -40°C to +105°C; **Short-term** to +160°C
- **Content of delivery:**
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级，特殊配方聚酰胺6制成，黄铜镀镍螺纹制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 非常好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- **VIR:** IP68 静态 / IP67 动态，软管部分
- 温度范围：-40°C 至 +105°C；短期温度 +160°C
- 包装配件：
IP68GT：管接头和通用安全夹子 (AFN2)，软管密封圈 (NVN3-GT)
IP68：管接头和椭圆型夹子 (OVN2)，软管密封圈 (NVN3)

IP66/IP68

VIR metric, metal female thread

Machine, railway construction and industry.

VIR 公制，金属内螺纹

应用于机械制造，铁路机车制造行业。



Order No. black	Thread metric	Fits to conduit size NW metric		Thread length	Overall length
订货号 黑色	螺纹 公制	适配软管尺寸 标称内径	公制	螺纹 长度	总 长度
NVIR-M120	M12 x 1.5	10	12	7.5	35.0
NVIR-M160	M16 x 1.5	10	12	9.0	40.5
NVIR-M162	M16 x 1.5	12	16	9.0	42.0
NVIR-M207	M20 x 1.5	17	20	10.0	50.0
NVIR-M253	M25 x 1.5	23	25	10.0	56.0
NVIR-M329	M32 x 1.5	29	32	11.0	55.5
NVIR-M406	M40 x 1.5	36	40	13.0	71.0
NVIR-M508	M50 x 1.5	48	50	15.0	75.0
NVIR-M638	M63 x 1.5	48	50	17.5	76.0

⚠ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

⚠ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.36002

要了解详细技术规格，请索取“技术数据表”DB-Nr.36002

unit = mm
单位 = mm

IP66/IP67 & IP66/IP68

FI/VI PG, female thread

In machine, vehicle and traction building.

FI/VI PG, 内螺纹

应用于机械、车辆和铁路机车的制造。



Order No. IP67 订货号 IP67	Order No. IP68, black ▲ 订货号 IP68, 黑色 ▲	Thread PG 螺纹 PG	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread Length 螺纹 长度	Overall Length 总 长度	MOQ (pcs) IP67 最小起订量 黑色B / 灰色S
* * FIL-P07M	-	07	07	10	8.0	29.0	800 / -
* * FIL-P070	-	07	10	12	8.0	34.5	800 / 待定
-	BVIR-P070	07	10	12	8.0	33.5	-
* * FIL-P090	-	09	10	12	8.0	32.5	-
-	BVIR-P090	09	10	12	8.0	33.5	-
* * FIL-P112	-	11	12	16	8.0	32.5	-
-	BVIR-P112	11	12	16	8.0	36.5	-
* * FIL-P117	-	11	17	20	8.0	35.0	- / 待定
* * FIL-P132	-	13	12	16	8.0	32.5	- / 800
* * FIL-P137	-	13	17	20	8.0	33.5	500 / 500
* * FIL-P160	-	16	10	12	7.0	37.0	800 / 待定
* * FIL-P167	-	16	17	20	8.0	33.5	- / 500
-	BVIR-P167	16	17	20	8.0	44.5	- / -
* * FIL-P217	-	21	17	20	10.5	35.5	- / 待定
* * FIL-P213	-	21	23	25	8.0	39.0	-
* * FIL-P293	-	29	23	25	9.0	42.0	350 / 待定
* * FIL-P299	-	29	29	32	9.0	43.0	- / 360
* * FIL-P369	-	36	29	32	16.0	52.0	350 / 待定
* * FIL-P366	-	36	36	40	13.0	64.0	- / 200
* * FIL-P488	-	48	48	50	13.0	65.0	- / 200

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21050 / 21095

要了解详细技术规格，请索取“技术数据表”DB-Nr.21050 / 21095

标记为 # 的产品有最小起订量 (MOQ)，待定 = MOQ需与工厂确认

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFIX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VIR: IP68 static / IP67 dynamic, conduit side
- FIL: IP67 static / IP65 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP67: Fitting with oval clips (OVN2), conduit seal (NVN3)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFIX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- VIR: IP68静态 / IP67 动态，软管部分
- FIL: IP67静态 / IP65 动态，软管部分
- 温度范围：-40°C 至 +105°C；短期温度：+160°C
- 包装配件：
 - IP67：管接头和椭圆型夹子 (OVN2)，软管密封圈 (NVN3)
 - IP68GT：管接头和通用安全夹子 (AFN2)，软管密封圈 (NVN3-GT)
 - IP68：管接头和椭圆型夹子 (OVN2)，软管密封圈 (NVN3)

VID PG, female thread

For cable protection systems in a wide range of applications.

VID PG, 内螺纹

在电缆保护系统中被广泛地应用。



Order No. black 订货号 黑色	Thread PG 螺纹 PG	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 黑色B
* * BVID-P112GT	11	12	16	8.0	36.5	800
* * BVID-P117GT	11	17	20	8.0	44.5	450

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21091

要了解详细技术规格，请索取“技术数据表”DB-Nr.21091

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-resistant connection to PMAFIX conduits
- Easy assembly
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VID: IP66 static / IP54 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clip (AFN2)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFIX软管使用具有很好的防震作用
- 安装方便
- 高强度的抗拉能力
- 用螺丝刀能够容易打开
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 非常好的化学性能
- VID: IP66 静态 / IP54 动态，软管部分
- 温度范围：-40°C 至 +105°C；短期温度：+160°C
- 包装配件：
 - IP66：管接头预装通用安全夹子 (AFN2)



- High-grade, specially formulated polyamide 6, thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strengths
- Vibration -proof connection to PMAFLEX conduits, easy installation
- High conduit pull-out strength; Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **VIZR: IP68 static / IP67 dynamic.,conduit side**
- **Temperature range: -40°C to +105°C; Short-term: +160°C**
- **Content of delivery:**
IP68GT: Fitting with pre-assembled universal safety clip (AFN2) conduit seal (NVN3-GT)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级，特殊配方聚酰胺6制成，黄铜镀镍螺纹
- 非常高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用，方便安装
- 高强度的抗拉能力；非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹（T）和粗波纹（G）
- **VIZR: IP68 静态 / IP67 动态，软管部分**
- **温度范围：-40°C 至 +105°C；短期温度：+160°C**
- **包装配件：**
IP68GT：管接头和通用安全夹子（AFN2），软管密封圈（NVN3-GT）
IP68：管接头和椭圆形夹子（OVN2），软管密封圈（NVN3）

IP66/IP68

VIZR PG, metal female thread

Machine, railway construction and industry.

VIZR PG, 金属内螺纹

应用于机械制造，铁路机车制造行业。



Order No. black ▲ 订货号 黑色 ▲	Thread PG 螺纹 PG	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度
NVIZR-P07M	07	07	10	6.0	33.0
NVIZR-P090	09	10	12	9.0	37.5
NVIZR-P110	11	10	12	9.0	39.5
NVIZR-P112	11	12	16	9.0	41.5
NVIZR-P137	13.5	17	20	8.0	46.5
NVIZR-P167	16	17	20	9.5	49.5
NVIZR-P213	21	23	25	10.0	56.5
NVIZR-P299	29	29	32	12.5	56.5
NVIZR-P366	36	36	40	13.0	73.0
NVIZR-P488	48	48	50	14.0	75.0

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。 有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13）。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.36000

要了解详细技术规格，请索取“技术数据表” DB-Nr.36000

unit = mm
单位 = mm

IP66 & IP66/IP68



VI UNEF, for AMP CPC series

For cable protection systems in a wide range of applications.

VI UNEF内螺纹, 适用AMP CPC系列

在电缆保护系统中被广泛地应用。

Order No. IP66, black 订货号 IP66, 黑色	Order No. IP68, black ▲ 订货号 IP68, 黑色 ▲	Thread UNEF 螺纹 统一特细牙	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 黑色B	IP68 黑色B
BVIDA-U15MGT	BVIRA-U15M	5/8"-24	07	10	8.0	31.5	—	—
BVIDA-U150GT	BVIRA-U150	5/8"-24	10	12	8.0	33.5	—	—
BVIDA-U152GT	BVIRA-U152	5/8"-24	12	16	8.0	36.5	—	—
BVIDA-U180GT	BVIRA-U180	3/4"-20	10	12	8.0	33.5	—	—
BVIDA-U182GT	BVIRA-U182	3/4"-20	12	16	8.0	36.5	—	—
# BVIDA-U187GT	BVIRA-U187	3/4"-20	17	20	8.0	44.5	500	—
BVIDA-U232GT	BVIRA-U232	15/16"-20	12	16	8.0	38.5	—	—
BVIDA-U237GT	BVIRA-U237	15/16"-20	17	20	8.0	46.5	—	—
# BVIDA-U233GT	# BVIRA-U233	15/16"-20	23	25	8.0	48.5	350	350
BVIDA-U347GT	BVIRA-U347	1 3/8"-18	17	20	8.0	46.5	—	—
BVIDA-U343GT	BVIRA-U343	1 3/8"-18	23	25	8.0	48.5	—	—
# BVIDA-U402GT	# BVIRA-U402	1 5/8"-18	12	16	7.0	55.5	800	800
BVIDA-U407GT	# BVIRA-U407	1 5/8"-18	17	20	7.0	61.5	—	500
# BVIDA-U403GT	BVIRA-U403	1 5/8"-18	23	25	7.0	60.5	350	—

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21080 / 21070

要了解详细技术规格, 请索取“技术数据表”DB-Nr.21080 / 21070

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Suitable for the AMP connector series CPC
- Vibration - proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VIRA: IP68 static / IP67 dynamic, conduit side
- VIDA: IP66 static / IP54 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clip (AFN2) and conduit seal (NVN3-GT)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 适用于AMP CPC系列的连接器
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- VIRA: IP68 静态 / IP67 动态, 软管部分
- VIDA: IP68 静态 / IP54 动态, 软管部分
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)

IP66 & IP66/IP68



VI UNEF, for Souriau UTG-6 / ITT Cannon Trident

For cable protection systems in a wide range of applications.

VI UNEF内螺纹, 适用Souriau UTG-6 / ITT Cannon Trident系列

在电缆保护系统中被广泛地应用。

Order No. IP66, black 订货号 IP66, 黑色	Order No. IP68, black ▲ 订货号 IP68, 黑色 ▲	Thread UNEF 螺纹 统一特细牙	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 黑色B	IP68 黑色B
# BVIDB-U162GT	BVIRB-U162	1 1/16"-24	12	16	4.0	43.5	800	—
BVIDB-U202GT	BVIRB-U202	1 3/16"-20	12	16	4.5	44.0	—	—
# BVIDB-U232GT	BVIRB-U232	1 5/16"-20	12	16	4.5	49.0	800	—
# BVIDB-U237GT	BVIRB-U237	1 5/16"-20	17	20	4.5	52.0	500	—
# BVIDB-U267GT	BVIRB-U267	1 1/16"-18	17	20	4.5	52.0	500	—
BVIDB-U297GT	BVIRB-U297	1 3/16"-18	17	20	6.5	55.5	—	—
# BVIDB-U293GT	BVIRB-U293	1 3/16"-18	23	25	6.5	52.0	350	—
# BVIDB-U323GT	BVIRB-U323	1 5/16"-18	23	25	6.5	52.0	350	—
# BVIDB-U357GT	# BVIRB-U357	1 7/16"-18	17	20	6.5	58.5	500	500
# BVIDB-U353GT	BVIRB-U353	1 7/16"-18	23	25	6.5	54.0	350	—
# BVIDB-U359GT	BVIRB-U359	1 7/16"-18	29	32	6.5	50.5	350	—

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21067/21065

要了解详细技术规格, 请索取“技术数据表”DB-Nr.21067/21065

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Suitable for the Souriau connector series UTG-6-ITT Cannon Trident
- Vibration - proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VIRB: IP68 static / IP67 dynamic, conduit side
- VIDB: IP66 static / IP54 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
IP66: Fitting with pre-assembled universal safety clips (AFN2)
IP68GT: Fitting with pre-assembled universal safety clip (AFN2) and conduit seal (NVN3-GT)
IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)

- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 适用于Souriau UTG-6 / ITT Cannon Trident 系列的连接器
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- VIRB: IP68 静态 / IP67 动态, 软管部分
- VIDB: IP68 静态 / IP54 动态, 软管部分
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
IP66: 管接头和通用安全夹子 (AFN2)
IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Suitable for the Souriau connector series UTO and UTS
- Vibration-proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:** Fitting with clips (OVN2), conduit seal (NVN3)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 适用于Souriau连接器的UTO和UTS系列
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹（T）和粗波纹（G）
- 温度范围：-40°C 至+105°C；短期温度：+160°C
- 包装配件：管接头和椭圆型夹子（OVN2），软管密封圈（NVN3）

IP66/IP68

VIRS UNEF, for Souriau UTO / UTS series

In machine, vehicle and traction building.

VIRS UNEF 内螺纹，适用 Souriau UTO / UTS series系列

应用于机械、车辆和铁路机车的制造。

Order No. IP68, black 订货号 黑色	Thread UNEF 螺纹 统一特细牙	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 黑色B
# BVIRS-U162	11 / 16" -24	12	16	9.4	47.5	800
# BVIRS-U202	13 / 16" -20	12	16	9.4	47.5	800
# BVIRS-U237	15 / 16" -20	17	20	10.0	56.0	500
# BVIRS-U267	1 1/16" -18	17	20	9.2	55.5	500
# BVIRS-U293	1 3/16" -18	23	25	9.8	56.0	360
# BVIRS-U323	1 5/16" -18	23	25	9.8	56.0	360
# BVIRS-U359	1 7/16" -18	29	32	9.7	55.5	360

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21068
要了解详细技术规格，请索取“技术数据表”DB-Nr.21068

标记为 # 的产品有最小起订量（MOQ）

unit = mm
单位 = mm

IP66 & IP66/IP68

VI UNEF, for MIL-C5015
circular connector

VI UNEF内螺纹, 适用MIL-C5015
圆形连接器

For cable protection systems in a wide range of applications.

在电缆保护系统中被广泛地应用。

Order No. IP66, black 订货号 黑色	Order No. IP68, black ▲ 订货号 黑色 ▲	Thread UNEF 螺纹 统一-特细牙	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量	
							IP66 黑色B	IP68 黑色B
—	# BVIVG-U152	5/8"-24 UNEF	12	16	8.0	36.5	—	800
—	# BVIVG-U187	3/4"-20 UNEF	17	20	9.0	46.5	—	500
—	# BVIVG-U210	7/8"-20 UNEF	10	12	9.0	37.0	—	800
# BVIDG-U212GT	BVIVG-U212	7/8"-20 UNEF	12	16	9.0	38.5	800	—
# BVIDG-U217GT	BVIVG-U217	7/8"-20 UNEF	17	20	9.0	46.5	500	—
# BVIDG-U242GT	BVIVG-U242	1"-20 UNEF	12	16	9.0	40.5	800	—
—	BVIVG-U243	1"-20 UNEF	23	25	9.0	55.0	—	—
BVIDG-U247GT	BVIVG-U247	1"-20 UNEF	17	20	9.0	47.5	—	—
—	BVIVG-U292	1 3/16"-18 UNEF	12	16	9.0	40.5	—	—
BVIDG-U293GT	BVIVG-U293	1 3/16"-18 UNEF	23	25	9.0	55.0	—	—
BVIDG-U297GT	BVIVG-U297	1 3/16"-18 UNEF	17	20	9.0	47.5	—	—
—	BVIVG-U299	1 3/16"-18 UNEF	29	32	9.0	47.0	—	—
—	# BVIVG-U349	1 3/8"-18 UNEF	29	32	9.0	52.0	—	350
—	# BVIVG-U352	1 7/16"-18 UNEF	12	16	10.0	39.0	—	800
BVIDG-U353GT	BVIVG-U353	1 7/16"-18 UNEF	23	25	9.0	52.0	—	—
—	BVIVG-U356	1 7/16"-18 UNEF	36	40	9.0	63.0	—	—
BVIDG-U357GT	BVIVG-U357	1 7/16"-18 UNEF	17	20	9.0	46.5	—	—
BVIDG-U359GT	BVIVG-U359	1 7/16"-18 UNEF	29	32	9.0	52.0	—	—
# BVIDG-U433GT	BVIVG-U433	1 3/4"-18 UNS	23	25	10.0	52.0	350	—
# BVIDG-U436GT	BVIVG-U436	1 3/4"-18 UNS	36	40	10.0	62.5	200	—
—	BVIVG-U437	1 3/4"-18 UNS	17	20	10.0	46.5	—	—
# BVIDG-U439GT	BVIVG-U439	1 3/4"-18 UNS	29	32	10.0	51.5	350	—
—	BVIVG-U503	2"-18 UNS	23	25	10.0	51.5	—	—
—	# BVIVG-U503/01	2"-18 UNS	23	25	10.0	62.5	—	待定
# BVIDG-U506GT	BVIVG-U506	2"-18 UNS	36	40	10.0	62.5	200	—
—	BVIVG-U508	2"-18 UNS	48	50	10.0	64.5	—	—
# BVIDG-U509GT	BVIVG-U509	2"-18 UNS	29	32	10.0	55.0	350	—
—	BVIVG-U563	2 1/4"-16 UN	23	25	10.0	51.0	—	—
BVIDG-U566GT	BVIVG-U566	2 1/4"-16 UN	36	40	10.0	62.0	—	—
—	BVIVG-U568	2 1/4"-16 UN	48	50	10.0	64.0	—	—
# BVIDG-U569GT	BVIVG-U569	2 1/4"-16 UN	29	32	10.0	51.0	350	—
—	# BVIVG-U628	2 1/2"-16 UN	48	50	10.0	64.0	—	200

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述, 见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21063 / 21060

要了解详细技术规格, 请索取“技术数据表”DB-Nr.21063 / 21060

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm

单位 = mm



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Suitable for the MIL-C5015 circular connector
- Vibration-proof connection to PMAFIX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VIVG: IP68 static / IP67 dynamic, conduit side
- VIDG: IP66 static / IP54 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2), thread seal (OR)
 - IP68GT: Fitting with pre-assembled universal safety clip (AFN2) and conduit seal (NVN3-GT); thread seal (OR)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3) and thread seal (OR)
- 高级, 特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 适用于MIL-C5015标准的圆形连接器
- 配合PMAFIX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- VIVG: IP68 静态 / IP67 动态, 软管部分
- VIDG: IP66 静态 / IP54 动态, 软管部分
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2), 螺纹密封圈 (OR)
 - IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT), 螺纹密封圈 (OR)
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3), 螺纹密封圈 (OR)



- High-grade, specially formulated polyamide 6, thread made of nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Vibration-resistant connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength; Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
IP68: Fitting with oval clips (OVN2), conduit and thread seal (NVN3, OR)

- 高级，特殊配方聚酰胺6制成
- 螺纹由黄铜镀镍制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 良好的抗拉伸强度；非常好的抗化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C；短期温度：+160°C
- 包装配件：
IP68：管接头和椭圆型夹子 (OVN2)，软管和螺纹密封圈 (NVN3, OR)

IP66/IP68

VIVG UNEF metal female thread

Machine, railway construction and industry .

VIVG UNEF 金属内螺纹

适用于机械制造，铁路机车制造行业。



Order No. black ▲ 订货号 黑色 ▲	Thread UNEF 螺纹 统一特细牙	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
# NVIVG-U297	1 3/16" - 18 UNEF	17	20	10.0	48.5	100
# NVIVG-U506	2 -18 UNS	36	40	15.0	69.0	50
# NVIVG-U568	2 1/4" - 16 UN	48	50	15.0	70.0	100

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.36007

要了解详细技术规格，请索取“技术数据表”DB-Nr.36007

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

VIZG UNEF metal female thread,
strain relief

In railway vehicle and heavy machine construction
For the separation of damp and dry areas.

Furthermore, these connectors can especially be used where
damp and dry areas have to be separated.

VIZG UNEF 金属内螺纹,
消除应力

通常用于轨道车辆和重型机械制造
用于分隔干湿区域。

此外, 这些管接头可被特别用于间隔干湿区域。

CE

Order No. black 订货号 黑色	Thread UNEF 螺纹 统一-特细牙	Fits to conduit size NW 适配软管尺寸 标称内径 公制	Cable range 电缆 范围	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
# NVIZG-U506S/01	2" - 18 UNS	36	40	20.0 - 26.0	13.0	112.0
# NVIZG-U506S/02	2" - 18 UNS	36	40	20.0 - 26.0	13.0	100.0
# NVIZG-U506S/03	2" - 18 UNS	36	40	24.0 - 32.0	13.0	100.0
# NVIZG-U509S/01	2" - 18 UNS	29	32	12.0 - 20.0	13.0	93.0
# NVIZG-U566S	2 1/4" - 16 UN	36	40	24.0 - 32.0	10.0	110.0
# NVIZG-U566S/01	2 1/4" - 16 UN	36	40	20.0 - 26.0	13.0	112.0
# NVIZG-U566S/02	2 1/4" - 16 UN	36	40	24.0 - 32.0	13.0	112.0
# NVIZG-U566S/03	2 1/4" - 16 UN	36	40	20.0 - 26.0	13.0	100.0
# NVIZG-U566S/04	2 1/4" - 16 UN	36	40	24.0 - 32.0	13.0	100.0
# NVIZG-U568S	2 1/4" - 16 UN	48	50	34.0 - 44.0	10.0	112.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.35004
要了解详细技术规格, 请索取 "技术数据表" DB-Nr.35004

标记为 # 的产品有最小起订量 (MOQ), 待定 = MOQ需与工厂确认

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Thread made of nickel-plated brass
- Very high impact resistance
- With integrated strain relief and optimal ingress protection at the cable (up to IP68 / 5 bar)
- Vibration-resistant connection to PMAFLEX conduits
- Easy assembly
- High thread and system connection strengths
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP68: Fitting with oval clips (OVN2), sealing insert, conduit and thread seal (NVN3, OR)
- 高级, 特殊配方聚酰胺6制成
- 螺纹由黄铜镀镍制成
- 非常高的抗冲击强度
- 完整的消除应力和电缆入口最佳的保护(最高可达 IP68 / 5巴)
- 配合PMAFLEX软管使用具有很好的防振作用
- 易于安装
- 高强度的螺纹和系统连接
- 良好的抗拉伸强度
- 非常好的抗化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP68: 管接头和椭圆型夹子 (OVN2), 密封插入件, 软管和螺纹密封圈 (NVN3, OR)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Light emitting diodes are recognisable through the connector
- Vibration-proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +120°C
- **Content of delivery:** Fitting with oval clip (OVN2), conduit seal (NFN3)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 通过透明的管接头识别发光二极管
- 配合PMAFLEX软管使用具有很好的防震作用
- 高强度的抗拉能力
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +120°C
- 包括配件: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NFN3)

IP66/IP67

FI female thread adapter, transparent

In machine and vehicle building, in connection with electronic sensors.

FI 内螺纹适配器，透明

应用于机械和车辆制造，电子传感器行业。

Order No. transparent 订货号 透明	Thread fine-metric 螺纹 公制幼细	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
TFIL-F08M	M8 x1.0	07	10	6.5	29.5	—
TFIL-F12M	M12 x1.0	07	10	6.0	56.0	—
TFIL-F18M	M18 x1.0	07	10	6.0	56.5	—
# TFIL-F30M	M30 x1.5	07	10	6.0	56.5	800
# TFIL-F120	M12 x1.0	10	12	6.0	57.0	800
TFIL-F180	M18 x1.0	10	12	6.0	57.0	—
TFIL-F300	M30 x1.5	10	12	6.0	57.0	—

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21058
要了解详细技术规格，请索取“技术数据表” DB-Nr.21058

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66 & IP66/IP67 & IP66/IP68

FT/ VT T pieces

For cable protection systems in a wide range of applications.

FT/ VT T型三通管接头

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. FTL IP67/VTR IP68	Input fits to conduit size NW	metric	Outputs fits to conduit size NW	metric	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 FTL IP67/VTR IP68	适配软管入口尺寸 标称内径	公制	适配软管出口尺寸 标称内径	公制	IP66 黑色B / 灰色S	IP67 / IP68 灰色S / 灰色S
*FTD-292323GT	*FTL-292323	29	32	23	25	360 / 360	360 / -
*VTD-101010GT	*VTR-101010	10	12	10	12	- / 800	- / 800
*VTD-121212GT	*VTR-121212	12	16	12	16	-	-
*VTD-171717GT	*VTR-171717	17	20	17	20	-	-
-	*VTR-231717/01	23	25	17	20	-	待定
*VTD-232323GT	*VTR-232323	23	25	23	25	-	-
*VTD-292929GT	*VTR-292929	29	32	29	32	- / 320	- / 3200
*VTD-363636GT	*VTR-363636	36	40	36	40	- / 200	- / 200
*VTD-484848GT	*VTR-484848	48	50	48	50	- / 待定	- / 200

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或"S" 订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.21033/21030/21034/22085

要了解详细技术规格，请索取“技术数据表”DB-Nr.21033/21030/21034/22085

标记为 # 的产品有最小起订量 (MOQ)，待定 = MOQ需与工厂确认

unit = mm

单位 = mm



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP67: Fitting with oval clips (OVN2), conduit seal (NFN3)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NFN3)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP67: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NFN3)
 - IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT)
 - IP68: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NFN3)

IP66 & IP66/IP67

FV V pieces

For cable protection systems in a wide range of applications.

FV V型三通管接头

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP67	Input fits to conduit size NW	metric	Outputs fits to conduit size NW	metric	MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP67	适配软管入口尺寸 标称内径	公制	适配软管出口尺寸 标称内径	公制	IP66 黑色B / 灰色S	IP67 黑色B / 灰色S
*FVD-100707GT	*FVL-100707	10	12	7	10	600 / 600	600 / 600
*FVD-101010GT	*FVL-101010	10	12	10	12	- / 600	- / 600
*FVD-121010GT	*FVL-121010	12	16	10	12	- / 600	- / 600
*FVD-171010GT	*FVL-171010	17	20	10	12	- / 500	- / 480
*FVD-171212GT	*FVL-171212	17	20	12	16	- / 500	- / 480
*FVD-231717GT	*FVL-231717	23	25	17	20	- / 360	- / 320

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或"S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.20045/21040

要了解详细技术规格，请索取“技术数据表”DB-Nr.20045/21040

标记为 # 的产品有最小起订量 (MOQ)

unit = mm

单位 = mm



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP67: Fitting with oval clips (OVN2), conduit seal (NFN3)

- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管型号-(类型) 细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP67: 管接头和椭圆形夹子 (OVN2), 软管密封圈 (NFN3)



- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term:** +160°C
- **Content of delivery:**
 - IP66: Fitting with pre-assembled universal safety clips (AFN2)
 - IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT)
 - IP68: Fitting with oval clips (OVN2), conduit seal (NVN3)
- 高级，特殊配方聚酰胺6制成
- 非常高的抗冲击强度
- 配合PMAFLEX软管使用具有很好的防震作用
- 易于安装
- 高强度的抗拉能力
- 可以很容易地用螺丝刀多次开启
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管型号-(类型) 细波纹 (T) 和粗波纹 (G)
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包装配件:
 - IP66: 管接头和通用安全夹子 (AFN2)
 - IP68GT: 管接头和通用安全夹子 (AFN2), 软管密封圈 (NVN3-GT);
 - IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)

IP66 & IP66/IP68

VY Y pieces

For cable protection systems in a wide range of applications.

VY Y型三通管接头

在电缆保护系统中被广泛地应用。



Order No. IP66	Order No. IP68 ▲	Input fits to conduit size NW metric		Outputs fits to conduit size NW metric		MOQ (pcs) 最小起订量	
订货号 IP66	订货号 IP68 ▲	适配软管入口尺寸 标称内径 公制		适配软管入口尺寸 标称内径 公制		IP66 灰色S	IP68 灰色S
* VYD-100707GT	* VYR-100707	10	12	07	10	800	800
* VYD-121010GT	* VYR-121010	12	16	10	12	—	—
* VYD-171212GT	* VYR-171212	17	20	12	16	—	—
* VYD-231717GT	* VYR-231717	23	25	17	20	—	—
* VYD-292323GT	* VYR-292323	29	32	23	25	—	—
* VYD-362929GT	* VYR-362929	36	40	29	32	300	300
* VYD-483636GT	* VYR-483636	48	50	36	40	180	180

* =Replace with "B" to order black or "S" to order grey / * ="B"订黑色或"S"订灰色

▲ IP68GT available. Please add "GT" after the order no. (Functional description PMAFIX IP68GT, page 3-11/12/13).

▲ IP68GT管接头开始供应。请在订货号加上"GT"。 有关PMAFIX IP68GT管接头的功能描述，见P3-11/12/13)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.23075/22070

要了解详细技术规格，请索取“技术数据表” DB-Nr.23075/22070

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

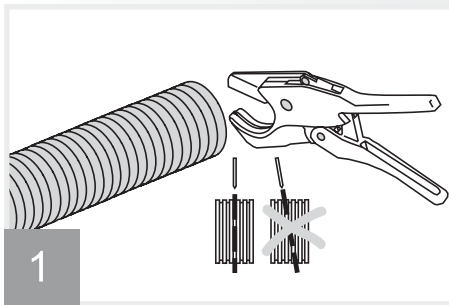
Connectors

IP66 static, IP54 dynamic

- One piece fitting, cone sealing
- Easy "push-in" installation
- Fits conduits with coarse (G) and fine (T) profiles
- Excellent pull-out strength
- Re-opening for safety reasons only possible with a screwdriver

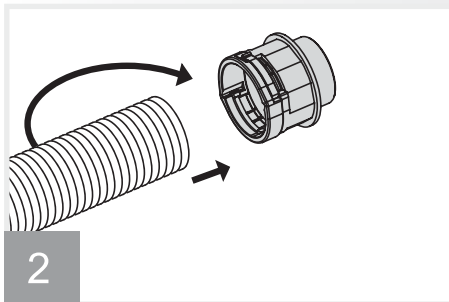
Installation

安装说明



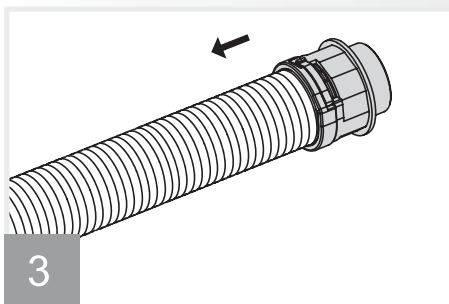
Cut conduit off straight.

垂直切断软管



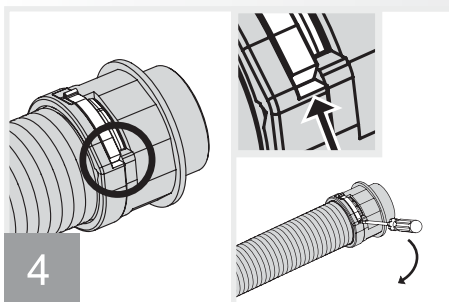
Push conduit in with a slight twist until the stop.

轻微旋转，将软管推入至被塞住



Pull back the conduit (A) slightly to ensure the locking mechanism is fully engaged.

将软管轻微往后拉一下，确保实现锁紧功能



To re-open use a screwdriver.

使用螺丝刀重新打开

管接头

IP66 静态，IP54 动态

- 一体设计管接头，锥形密封
- “推入”的简易安装
- 适合粗波纹和细波纹
- 极高抗拉伸强度
- 只可用螺丝刀才可用拆卸，确保安全





- Specially formulated polyamide 6
- **IP66** - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -45°C to +105°C; **Short-term** to +150°C
- **Content of delivery:** Fitting body with preinstalled retaining elements

- 特殊配方聚酰胺6制成
- IP66的防护等级, 一体设计, 锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸 (确保安全, 请勿使用手)
- 设计紧凑, 节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -45°C 至 +105°C; 短期温度: +150°C
- 包装配件: 带一体成型固定卡子的管接头

IP66

LND straight, metric

In the machine building, installation and construction industries.

LND 直型, 公制

通常用于机械制造, 工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度
ALND-M120	SLND-M120	M12x1.5	10	12	11.0	34.0
ALND-M160	SLND-M160	M16x1.5	10	12	11.0	34.0
ALND-M162	SLND-M162	M16x1.5	12	16	11.0	38.0
ALND-M200	SLND-M200	M20x1.5	10	12	11.0	34.0
ALND-M202	SLND-M202	M20x1.5	12	16	11.0	38.0
ALND-M207	SLND-M207	M20x1.5	17	20	11.0	41.0
ALND-M257	SLND-M257	M25x1.5	17	20	12.0	42.0
ALND-M253	SLND-M253	M25x1.5	23	25	12.0	45.5
ALND-M323	SLND-M323	M32x1.5	23	25	15.0	48.5
ALND-M329	SLND-M329	M32x1.5	29	32	15.0	50.5
ALND-M409	SLND-M409	M40x1.5	29	32	19.0	54.5
ALND-M406	SLND-M406	M40x1.5	36	40	19.0	60.5
ALND-M506	SLND-M506	M50x1.5	36	40	19.0	61.0
ALND-M508	SLND-M508	M50x1.5	48	50	19.0	61.0
ALND-M638	SLND-M638	M63x1.5	48	50	19.0	61.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24505
要了解详细技术规格, 请索取“技术数据表”DB-Nr.24505

unit = mm
单位 = mm



- Specially formulated polyamide 6
- **IP66** - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -45°C to +105°C; **Short-term** to +150°C
- **Content of delivery:** Fitting body with preinstalled retaining elements

- 特殊配方聚酰胺6制成
- IP66的防护等级, 一体设计, 锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸 (确保安全, 请勿使用手)
- 设计紧凑, 节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -45°C 至 +105°C; 短期温度: +150°C
- 包装配件: 带一体成型固定卡子的管接头

IP66

LAD 45° elbow metric

In the machine building, installation and construction industries.

LAD 45° 弯头, 公制

通常用于机械制造, 工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色A / 灰色S
# ALAD-M120	# SLAD-M120	M12x1.5	10	12	11.0	42.5 x 33.0	2000 / 2000
# ALAD-M160	# SLAD-M160	M16x1.5	10	12	11.0	42.5 x 35.0	2000 / 2000
# ALAD-M162	# SLAD-M162	M16x1.5	12	16	11.0	47.5 x 39.5	2000 / 2100
# ALAD-M202	# SLAD-M202	M20x1.5	12	16	11.0	47.5 x 41.5	1800 / 1800
# ALAD-M207	# SLAD-M207	M20x1.5	17	20	11.0	54.0 x 46.0	2000 / 2000
# ALAD-M253	# SLAD-M253	M25x1.5	23	25	12.0	63.5 x 55.5	1500 / 1600
# ALAD-M257	# SLAD-M257	M25x1.5	17	20	12.0	55.0 x 48.5	2000 / 2000
# ALAD-M323	# SLAD-M323	M32x1.5	23	25	15.0	67.0 x 60.0	1500 / 1600
# ALAD-M329	# SLAD-M329	M32x1.5	29	32	15.0	72.5 x 63.5	1500 / 1500
# ALAD-M406	# SLAD-M406	M40x1.5	36	40	19.0	87.5 x 78.0	1000 / 1080
# ALAD-M409	# SLAD-M409	M40x1.5	29	32	19.0	76.5 x 66.5	1560 / 1560
# ALAD-M506	# SLAD-M506	M50x1.5	36	40	19.0	88.0 x 82.0	1000 / 960
# ALAD-M508	# SLAD-M508	M50x1.5	48	50	19.0	97.5 x 88.0	800 / 800
# ALAD-M638	# SLAD-M638	M63x1.5	48	50	19.0	97.5 x 94.5	810 / 810

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24525
要了解详细技术规格, 请索取“技术数据表”DB-Nr.24525

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66

LWD 90° elbow, metric

In the machine building, installation and construction industries.

LWD 90° 弯头, 公制

通常用于机械制造, 工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread metric 螺纹 公制	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色A / 灰色S
ALWD-M120	# SLWD-M120	M12x1.5	10	12	11.0	33.0 x 36.5	- / 2000
ALWD-M160	# SLWD-M160	M16x1.5	10	12	11.0	33.0 x 38.5	- / 2000
ALWD-M162	SLWD-M162	M16x1.5	12	16	11.0	37.5 x 43.0	- / -
ALWD-M202	# SLWD-M202	M20x1.5	12	16	11.0	37.5 x 45.0	- / 2000
ALWD-M207	SLWD-M207	M20x1.5	17	20	11.0	42.0 x 50.5	- / -
ALWD-M257	# SLWD-M257	M25x1.5	17	20	12.0	43.0 x 53.0	- / 2000
ALWD-M253	SLWD-M253	M25x1.5	23	25	12.0	52.5 x 59.0	- / -
ALWD-M323	# SLWD-M323	M32x1.5	23	25	15.0	56.0 x 62.5	- / 1500
ALWD-M329	SLWD-M329	M32x1.5	29	32	15.0	62.5 x 69.0	- / -
ALWD-M409	# SLWD-M409	M40x1.5	29	32	19.0	66.5 x 72.0	- / 1500
ALWD-M406	# SLWD-M406	M40x1.5	36	40	19.0	76.0 x 83.0	- / 1000
# ALWD-M506	SLWD-M506	M50x1.5	36	40	19.0	76.0 x 87.0	1000 / 1000
ALWD-M508	SLWD-M508	M50x1.5	48	50	19.0	89.0 x 92.5	- / -
ALWD-M638	# SLWD-M638	M63x1.5	48	50	19.0	89.0 x 99.0	- / 810

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24515

要了解详细技术规格, 请索取“技术数据表”DB-Nr.24515

标记为 # 的产品有最小起订量 (MOQ)

unit = mm

单位 = mm



- Specially formulated polyamide 6
- IP66 - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -45°C to +105°C; Short-term to +150°C
- Content of delivery: Fitting body with preinstalled retaining elements

- 特殊配方聚酰胺6制成
- IP66的防护等级, 一体设计, 锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸 (确保安全, 请勿使用手)
- 设计紧凑, 节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -45°C 至 +105°C; 短期温度: +150°C
- 包装配件: 带一体成型固定卡子的管接头

IP66

LND straight, PG

In the machine building, installation and construction industries.

LND 直型, PG制

通常用于机械制造, 工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread PG 螺纹 PG	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量 灰色S
* ALND-P070	# * SLND-P070	07	10	12	7.0	44.0	6000
ALND-P090	SLND-P090	09	10	12	11.0	34.0	-
* ALND-P092	# * SLND-P092	09	12	16	8.0	50.0	6000
ALND-P110	# SLND-P110	11	10	12	8.0	45.5	6000
ALND-P112	SLND-P112	11	12	16	11.0	38.0	-
ALND-P132	# SLND-P132	13.5	12	16	11.0	38.0	6000
ALND-P137	# SLND-P137	13.5	17	20	11.0	41.0	6000
ALND-P167	SLND-P167	16	17	20	11.0	41.0	-
ALND-P213	SLND-P213	21	23	25	12.0	45.5	-
ALND-P299	SLND-P299	29	29	32	12.0	47.5	-
ALND-P366	# SLND-P366	36	36	40	13.0	54.5	2000
ALND-P488	# SLND-P488	48	48	50	13.0	55.0	1500

* = on request / 根据要求订做

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24500

要了解详细技术规格, 请索取“技术数据表”DB-Nr.24500

标记为 # 的产品有最小起订量 (MOQ)

unit = mm

单位 = mm



- Specially formulated polyamide 6
- IP66 - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Temperature range: -45°C to +105°C; Short-term to +150°C
- Content of delivery: Fitting body with preinstalled retaining elements

- 特殊配方聚酰胺6制成
- IP66的防护等级, 一体设计, 锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸 (确保安全, 请勿使用手)
- 设计紧凑, 节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围: -45°C 至 +105°C; 短期温度: +150°C
- 包装配件: 带一体成型固定卡子的管接头



- Specially formulated polyamide 6
- **IP66** - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -45°C to +105°C; **Short-term** to +150°C
- **Content of delivery:** Fitting body with preinstalled retaining elements

- 高级，特殊配方聚酰胺6制成
- IP66的防护等级，一体设计，锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸（确保安全，请勿使用手）
- 设计紧凑，节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-45°C 至 +105°C；短期温度：+150°C
- 包装配件：带一体成型固定卡子的管接头

IP66

LAD 45° elbow, PG

In the machine building, installation and construction industries.

LAD 45° 弯头, PG制

通常用于机械制造，工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread PG 螺纹 PG	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色A / 灰色S
# ALAD-P090	# SLAD-P090	09	10	12	11.0	42.5 x 34.0	2000 / 2000
# ALAD-P112	# SLAD-P112	11	12	16	11.0	47.5 x 40.0	2000 / 1800
# ALAD-P132	# SLAD-P132	13.5	12	16	11.0	47.5 x 41.5	2000 / 1800
# ALAD-P137	# SLAD-P137	13.5	17	20	11.0	54.0 x 46.0	2000 / 2000
# ALAD-P167	# SLAD-P167	16	17	20	11.0	54.0 x 47.0	2000 / 2000
# ALAD-P213	# SLAD-P213	21	23	25	12.0	63.5 x 57.5	1500 / 1600
# ALAD-P299	# SLAD-P299	29	29	32	12.0	69.5 x 65.0	1500 / 1560
# ALAD-P366	# SLAD-P366	36	36	40	13.0	81.5 x 80.0	1040 / 1040
# ALAD-P488	# SLAD-P488	48	48	50	13.0	91.5 x 93.0	800 / 800

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24520

要了解详细技术规格，请索取“技术数据表”DB-Nr.24520

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6
- **IP66** - One-piece fitting with integral cone seal
- Economical
- Easy "push-in" installation
- Re-opening with screwdriver (for security reasons hand opening not possible)
- Space saving due to compact design
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -45°C to +105°C; **Short-term** to +150°C
- **Content of delivery:** Fitting body with preinstalled retaining elements

- 特殊配方聚酰胺6制成
- IP66的防护等级，一体设计，锥形密封
- 经济型
- “推入”的简易安装
- 用螺丝刀拆卸（确保安全，请勿使用手）
- 设计紧凑，节省空间
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-45°C 至 +105°C；短期温度：+150°C
- 包装配件：带一体成型固定卡子的管接头

IP66

LWD 90° elbow, PG

In the machine building, installation and construction industries.

LWD 90° 弯头, PG制

通常用于机械制造，工程安装和建筑行业。



Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Thread PG 螺纹 PG	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Thread length 螺纹 长度	External dimensions 外部 尺寸	MOQ (pcs) 最小起订量 黑色A / 灰色S
# ALWD-P070	# SLWD-P070	07	10	12	7.0	42.0 x 37.5	2000 / 1800
# ALWD-P090	# SLWD-P090	09	10	12	11.0	32.5 x 37.5	2000 / 1800
# ALWD-P092	# SLWD-P092	09	12	16	8.0	48.0 x 43.5	2000 / 1800
# ALWD-P110	# SLWD-P110	11	10	12	8.0	44.0 x 40.0	2000 / 1800
# ALWD-P112	# SLWD-P112	11	12	16	11.0	36.5 x 43.5	2000 / 2000
# ALWD-P130	# SLWD-P130	13.5	10	12	9.0	37.5 x 40.0	2000 / 1800
# ALWD-P132	# SLWD-P132	13.5	12	16	11.0	36.5 x 45.0	2000 / 1800
# ALWD-P137	# SLWD-P137	13.5	17	20	11.0	41.0 x 50.5	2000 / 2000
# ALWD-P167	# SLWD-P167	16	17	20	11.0	41.0 x 51.5	2000 / 1800
# ALWD-P213	# SLWD-P213	21	23	25	12.0	52.0 x 61.0	1500 / 1500
# ALWD-P299	# SLWD-P299	29	29	32	12.0	58.5 x 70.5	1440 / 1440
# ALWD-P366	# SLWD-P366	36	36	40	13.0	70.0 x 85.0	1020 / 1020
# ALWD-P488	# SLWD-P488	48	48	50	13.0	83.0 x 97.5	810 / 810

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.24510

要了解详细技术规格，请索取“技术数据表”DB-Nr.24510

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

SGB tube clamps

Especially suitable for the mounting of static conduits.

SGB 管夹

特别适合于静态软管安装。

Order No.	Fits to conduit size NW	Fits to Coflex size NW	Dimensions width	Fixing screw	MOQ (pcs)
订货号	适配软管尺寸 标称内径	适配可分软管 标称内径	尺寸 宽	适配 螺钉	最小起订量
SGB-07	07	07	12.5	1 x M4	—
#*SGB-07-6.4	07	07	18.5	1 x M6	100
SGB-09	10	10	12.5	1 x M4	—
#*SGB-09-6.4	10	10	18.5	1 x M6	100
#*SGB-09-8.4	10	10	25.0	1 x M8	100
SGB-11	12	12	12.5	1 x M4	—
#*SGB-11-6.4	12	12	18.5	1 x M6	100
#*SGB-11-8.4	12	12	25.0	1 x M8	100
SGB-16	17	17	15.0	1 x M5	—
#*SGB-16-6.4	17	17	18.5	1 x M6	100
SGB-21	23	23	15.0	1 x M5	—
#*SGB-21-6.4	23	23	18.5	1 x M6	100
#*SGB-21-8.4	23	23	25.0	1 x M8	100
SGB-29	29	29	18.5	1 x M6	—
SGB-36	36	36	18.5	1 x M6	—
#*SGB-36-8.4	36	36	25.0	1 x M8	100
SGB-48	48	48	18.5	1 x M6	—

* Non-standard products, MOQ is requirements and long delivery is expected. Please consult in case of order.
非标准产品，最少订购量要求和较长交货时间。如需订购，请先咨询。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.60020

要了解详细技术规格，请索取“技术数据表” DB-Nr.60020

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Galvanized steel according to DIN 3016
- Elastomer free from halogens (EPDM)
- For the mounting of static conduits
- Smooth connection to PMAFLEX corrugated conduits
- Good ozone and ageing resistance
- Excellent impact strength
- Temperature range: -40°C to +120°C
- 钢制镀锌，符合DIN 3016标准
- 不含卤素的人造橡胶 (EPDM)
- 用于静态软管安装
- 平滑固定PMAFLEX软管
- 良好的臭氧和耐老化性能
- 极好的抗冲击强度
- 温度范围：-40°C 至 +120°C

GL tube clamps

Used in general machine and installation applications.

GL 管夹

适用于机械制造和安装工程。

Order No. black	Order No. grey	Fits to conduit size NW	Fits to conduit size metric	Dimensions height	Dimensions width	Fixing screw	MOQ (pcs)
订货号 黑色	订货号 灰色	适配软管尺寸 标称内径	公制	尺寸 高	尺寸 宽	适配 螺钉	最小起订量 灰色 S
BGL-07	# SGL-07	07	10	13.5	13.0	1 x M4	1500
BGL-10	SGL-10	10	12	16.0	13.0	1 x M4	—
BGL-12	SGL-12	12	16	19.5	13.0	1 x M4	—
BGL-17	SGL-17	17	20	25.5	16.0	1 x M5	—
BGL-23	SGL-23	23	25	34.0	16.0	1 x M5	—
BGL-29	SGL-29	29	32	40.0	19.0	1 x M6	—

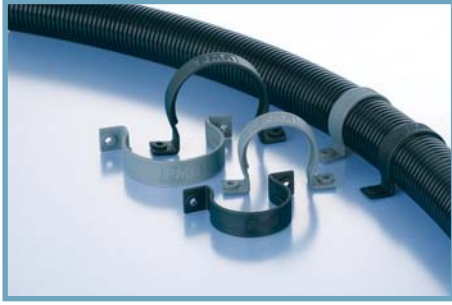
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.60024
要了解详细技术规格，请索取“技术数据表” DB-Nr.60024

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- One-piece design
- Integrated rib provides axial strain relief
- Allows turning of the conduit thus avoiding torsion stresses
- Pre-fixation on the conduit possible
- Self-extinguishing
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- No corrosion
- Temperature range: -40°C to +105°C; Short-term to +160°C
- 高级，特殊配方聚酰胺6制成
- 一体式设计
- 集成的肋状凸起设计，有效消除轴向应力
- 允许软管径向运动避免产生应力
- 可以预先安装在软管上
- 自熄灭性好
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 防腐蚀
- 温度范围：-40°C 至 +105°C；短期范围：+160°C



- High-grade, specially formulated polyamide 6
- One-piece design
- Integrated rib provides axial strain relief
- Allows turning of the conduit thus avoiding torsion stresses
- Pre-fixation on the conduit possible
- Allows solid fixation with two screws
- Self-extinguishing
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- No corrosion
- **Temperature range:** -40°C to +105°C; **Short-term** to +160°C

- 高级，特殊配方聚酰胺6制成
- 一体式设计
- 集成的肋状凸起设计，有效消除轴向应力
- 允许软管径向运动避免产生应力
- 可以预先安装在软管上
- 用两个螺钉固定本体
- 自熄灭性好
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 防腐蚀
- 温度范围：-40°C 至 +105°C；短期范围：+160°C；

GH tube clamps

A wide range of applications in all industries.

GH 管夹

在工业行业中被广泛的应用。

Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Dimensions width 尺寸 宽	Dimensions height 尺寸 高	Dimensions thickness 尺寸 厚度	Fixing screw 适配 螺钉	MOQ (pcs) 最小起订量 灰色S
BGH-23	# SGH-23	23	25	58.0	31.5	16.0	2 x M5	2100
BGH-29	# SGH-29	29	32	70.0	37.5	19.0	2 x M6	1000
BGH-36	# SGH-36	36	40	80.0	46.0	24.0	2 x M6	600
BGH-48	# SGH-48	48	50	94.0	58.5	24.0	2 x M6	600
BGH-56	# SGH-56	56	68	118.0	72.0	26.0	2 x M8	500
BGH-70	# SGH-70	70	80	130.0	85.0	30.0	2 x M8	480
BGH-95	# SGH-95	95	106	156.0	112.5	30.0	2 x M8	480

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.60025
要了解详细技术规格，请索取“技术数据表” DB-Nr.60025

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Mounting alternatives through six hole fastening
- Completely safe against turning/movement
- Optimal strain relief due to integrated rib
- Maximum security with additional safety clip
- Excellent impact strength
- Free from halogens and cadmium
- Self-extinguishing
- Fits both conduit profiles-fine (T) and coarse (G)
- **Temperature range:** -40°C to +105°C; **Short-term** to +160°C

- 高级，特殊配方聚酰胺6制成
- 通过六孔紧固安装方案
- 完全安全的转动/移动
- 集成的肋状凸起设计，有效消除轴向应力
- 额外的安全夹提供最大安全性
- 极好的抗冲击强度
- 不含卤素和镉
- 自熄灭性好
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 温度范围：-40°C 至 +105°C；短期温度：+160°C

VH system supports

In machine building and installation applications.

VH 软管夹子

适用于机械及安装系统。

Order No. support 订货号 支撑	Order No. clip 订货号 卡子	Order No. Complete 订货号 整套	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Dimensions width x height x depth 尺寸 宽 x 高 x 深	MOQ (pcs) 最小起订量 灰色S
# * VH-17-010	# * VH-17-020	# * VH-17-000	17	20	35.0 x 36.0 x 36.0	2000
# * VH-23-010	# * VH-23-020	# * VH-23-000	23	25	35.0 x 44.0 x 36.0	2400
# * VH-29-010	# * VH-29-020	# * VH-29-000	29	32	46.0 x 52.0 x 40.0	2000
# * VH-36-010	# * VH-36-020	# * VH-36-000	36	40	53.0 x 58.0 x 60.0	1800
# * VH-48-010	# * VH-48-020	# * VH-48-000	48	50	66.0 x 72.0 x 60.0	1260

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色
For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40010

要了解详细技术规格，请索取“技术数据表” DB-Nr.40010

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

GP system support for stacking

In railway vehicle construction, heavy machine building industry and other applications with increased mechanical requirements.

GP 重叠固定夹子

专门为加强机械强度要求设计，适用于铁路车辆制造、重型机械生产等应用领域。

Order No.	Fits to conduit size		Profile	Dimensions	Dimensions	Dimensions	MOQ
	NW	metric		width	height	thickness	(pcs)
订货号	适配软管尺寸	公制	波纹	尺寸宽	尺寸高	尺寸厚	最小起订量
	标称内径						灰色 S
* GP-12/01	12	16	T	48.0	66.0	36.0	—
* GP-17	17	20	T+G	48.0	66.0	36.0	—
* GP-23	23	25	T+G	48.0	66.0	36.0	—
* GP-29	29	32	T+G	62.0	66.0	36.0	—
* GP-36	36	40	T+G	62.0	66.0	36.0	—
* GP-48	48	50	T+G	76.0	66.0	36.0	—
# * GP-56G	56	—	G	87.0	78.0	36.0	150

* = Replace with "B" to order black or "S" to order grey / * = "B" 订黑色或 "S" 订灰色

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40028

要了解详细技术规格，请索取“技术数据表”DB-Nr.40028

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Variable stacking possibilities, due to the "Block" system a high rigidity is guaranteed
- Axial fixation of conduit; Conduit rotation possible (avoids torsion)
- Especially suitable for dynamic applications due to rounded edges
- Variety of support possibilities
- Very high impact resistance
- Very good chemical properties; Free from halogens and cadmium
- EN45545 HL3
- Temperature range: -50°C to +105°C; Short-term to +160°C

- 高级，特殊配方聚酰胺6制成
- 由于“模块”系统可以适应不同叠加可能性
- 软管轴向固定；软管可旋转，但避免扭转
- 光滑的圆边特别适用于动态应用
- 支持多种支撑方式
- 非常高的抗冲击强度
- 非常好的化学特性；不含卤素和镉
- EN45545 HL3
- 温度范围：-50°C 至 +105°C；短期范围：+160°C

BGP-3X48 Multiple system support

In railway vehicle construction, heavy machine building industry and other applications with increased mechanical requirements.

BGP-3X48 并联式系统固定夹子

专门为加强机械强度要求设计，适用于铁路车辆制造、重型机械生产等应用领域。

Order No.	Fits to conduit size		Dimensions	Dimensions	Dimensions
black	NW	metric	Length	Height	Thickness
订货号	适配软管尺寸	公制	尺寸长	尺寸高	尺寸厚
黑色	标称内径				
BGP-3X48	48	50	214	84	30

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40015

要了解详细技术规格，请索取“技术数据表”DB-Nr.40015

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- Multiple system support for 3 x NW48 max. conduits
- Axial fixation of conduit
- Conduit rotation possible (avoids torsion)
- Especially suitable for dynamic applications due to rounded edges
- Variety of support possibilities
- Very high impact resistance
- Very good chemical properties
- Free from halogens and cadmium
- EN45545 HL3, rating (R22/R23)
- Temperature range: -40°C to +105°C; Short-term to +160°C

- 高级，特殊配方聚酰胺6制成
- 并联式系统可同时支撑3根NW48的软管
- 软管轴向固定
- 软管可旋转，但避免扭转
- 光滑的圆边特别适用于动态应用
- 支持多种支撑方式
- 非常高的抗冲击强度
- 非常好的化学特性
- 不含卤素和镉
- EN45545 HL3, rating (R22/R23)
- 温度范围：-40°C 至 +105°C；短期范围：+160°C



- High-grade, specially formulated polyamide 6
- One-piece construction, stackable
- Excellent impact resistance
- Heavy design, high retention forces
- Applicable with standard metal C rails
- Clasp for easy pre-mounting and final assembly
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- The following nominal widths can be combined for stacking:
NW 17 with NW 23, NW 29 with NW 36, NW 48 with NW 56
- **Temperature range:** -50°C to +105°C; **Short-term** to +160°C
- **Content of delivery:** System support and 2 pcs screws for securing of the lid (optional); without mounting accessories

- 高级，特殊配方聚酰胺6制成
- 一体式结构，可叠加
- 极好的抗冲击强度
- 重载设计，高保持力
- 可直接应用在标准C型导轨上
- 安装和拆卸方便
- 非常良好的化学性能
- 不含卤素和镉
- 适用软管类型—细波纹 (T) 和粗波纹 (G)
- 下面几种尺寸可以叠加安装
NW 17 和 NW 23, NW 29 和 NW 36, NW 48 和 NW 56
- 温度范围: -50°C 至 +105°C; 短期范围: +160°C
- 包装配件: 固定夹子, 2个锁紧螺钉(可选); 没有安装附件

GPS one-piece system supports, stackable

In railway vehicle construction, heavy machine building industry and other applications with increased mechanical requirements.

GPS 一体设计固定夹子，可重叠

专门为加强机械强度要求设计，适用于铁路车辆制造、重型机械生产等应用领域。

Order No. black 订货号 黑色	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Dimensions width 尺寸 宽	Dimensions height 尺寸 高	Dimensions thickness 尺寸 厚
* BGPS-12/01	12	16	70.0	51.0	30.0
BGPS-17	17	20	70.0	51.0	30.0
BGPS-23	23	25	70.0	51.0	30.0
BGPS-29	29	32	85.0	65.0	30.0
BGPS-36	36	40	85.0	65.0	30.0
BGPS-48	48	50	115.0	92.5	30.0
BGPS-56	56	—	115.0	92.5	30.0

* This size will be delivered with a half-shell insert.

供货时会包括瓦形插入件。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40025

要了解详细技术规格，请索取“技术数据表” DB-Nr.40025

unit = mm
单位 = mm



- Steel ST-37
- For fixation of the one-piece system supports GPS
- For reinforcement of the base plate or if no bore holes can be drilled
- Increases the retention force of system support GPS

- ST-37钢制
- 应用于一体式GPS固定夹子
- 用于加固底板或不钻孔的情况
- 增加GPS固定夹子的保持力

GPS-SP straight, strain relief metric, metal, long

welding plate for system support.
In combination with system support GPS.

GPS-SP 直型，消除应力，与GPS固定夹子组合应用

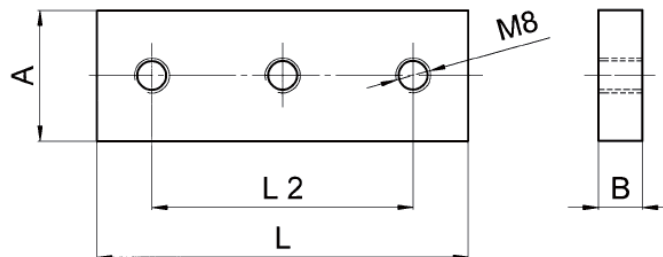
固定夹子的焊接板。
与GPS固定夹子组合应用。

Order No. black 订货号 黑色	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Dimensions A B L L2 尺寸 A B L L2			
					A	B	L	L2
GPS-SP17/23-ST	17	20	23	25	30	10	70	44.8
GPS-SP29/36-ST	29	32	36	40	30	10	80	59.7
GPS-SP48/56-ST	48	50	56	68	30	10	110	89.5

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40027

要了解详细技术规格，请索取“技术数据表” DB-Nr.40027

unit = mm
单位 = mm



FH-0 one-piece system supports

In machine building and installation applications.

FH-0 单个软管固定卡子

适用于机械及安装系统。

Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Dimensions width x height x depth 尺寸 宽 x 高 x 深	Fixing screw 固定 螺钉
BFH-07-0	SFH-07-0	07	10	17.0 x 21.5 x 20.0	1 x M4
BFH-10-0	SFH-10-0	10	12	20.5 x 24.5 x 20.0	1 x M5
BFH-12-0	SFH-12-0	12	16	24.0 x 27.0 x 20.0	1 x M5
BFH-17-0	SFH-17-0	17	20	30.0 x 34.0 x 20.0	1 x M6
BFH-23-0	SFH-23-0	23	25	38.5 x 42.0 x 20.0	1 x M6
BFH-29-0	SFH-29-0	29	32	45.5 x 48.0 x 20.0	1 x M6
BFH-36-0	SFH-36-0	36	40	55.5 x 56.0 x 20.0	1 x M6
BFH-48-0	SFH-48-0	48	50	67.5 x 68.0 x 20.0	1 x M6

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40001
要了解详细技术规格, 请索取“技术数据表” DB-Nr.40001

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6
- One-piece construction
- Very high impact resistance
- Optimal axial strain relief due to integrated rib
- Suitable for overhead installations due to safety lid
- High retention forces
- Quick mounting due to single hole fixing
- Very good chemical properties
- Free from halogen and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- Fits to rail for system supports FHS
- Temperature range: -50°C to +105°C; Short-term to +160°C

- 高级, 特殊配方聚酰胺6制成
- 一体式结构
- 非常高的抗冲击强度
- 集成的肋状凸起设计, 有效消除轴向应力
- 由于自带安全盖, 可适用于高架安装
- 可叠加
- 通过单孔快速安装
- 非常好的化学特性
- 不含卤素和镉
- 适用软管类型-细波纹 (T) 和粗波纹 (G)
- 适合于FHS导轨系统
- 温度范围: -50°C 至 +105°C; 短期温度: +160°C

FHS rail for system support

In machine building and installation applications.

FHS 软管固定卡子用导轨

适用于机械及安装系统。

Order No. black 订货号 黑色	Order No. grey 订货号 灰色	Fits to support FH-0 适配 FH-0 固定卡子	Dimensions length 尺寸 长	Dimensions width 尺寸 宽	Dimensions depth 尺寸 深	MOQ (pcs) 最小起订量 黑色B / 灰色S
BFHS-00	SFHS-00	07-48	275.0	25.0	15.5	-
Additional rails, position to distance spacers / 附加导轨, 定位或间隔器						
BFHS-10	SFHS-10	Rail / 导轨				-
# BFHS-PH	# SFHS-PH	Position support with screws / 定位支架连螺丝				20 / 20
# BFHS-PH1	# SFHS-PH1	Distance spacers / 间隔器				500 / 500
# BFHS-PH2	# SFHS-PH2	Distance spacers / 间隔器				500 / 500

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40003
要了解详细技术规格, 请索取“技术数据表” DB-Nr.40003

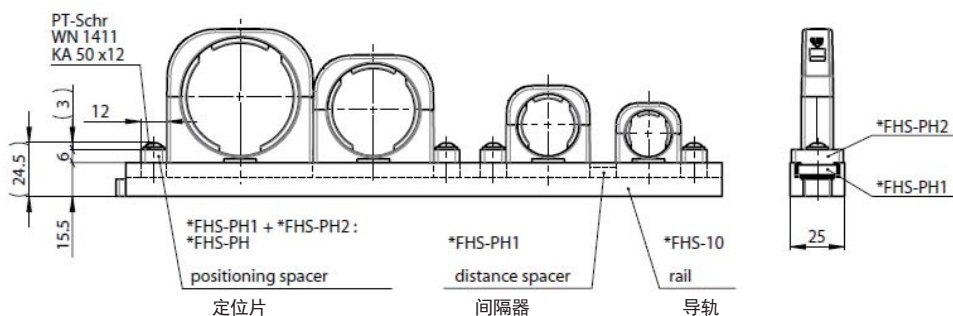
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unit = mm
单位 = mm



- High-grade specially formulated polyamide 6
- Extremely robust construction
- High stiffness
- Excellent impact resistance
- Flexible assembly of clips for fixation of various conduit sizes
- Positioning and distance spacers available
- Easy installation
- Good chemical resistance properties
- Free from halogen and cadmium
- Temperature range: -40°C to +105°C; Short-term to +160°C
- Content of delivery: BFHS-00: Rail, 2 position supports with screws

- 高级, 特殊配方聚酰胺6制成
- 非常坚固的结构
- 高硬度
- 极好的抗冲击强度
- 管夹组装灵活, 用于固定各种软管尺寸
- 用于固定位置和距离
- 易于安装
- 良好的耐化学性
- 不含卤素和镉
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C
- 包括配件: BFHS-00: 轨, 两个定位支架连螺丝





- High-grade, specially formulated polyamide6
- Easy installation
- Provide axial strain relief for conduits but allowing rotation
- Especially suitable for dynamic applications
- Flexible combination with system blocks
- Variety of fixation possibilities
- Self-extinguishing
- Free from halogens and cadmium
- Excellent impact strength
- Temperature range: -40°C to +105°C; Short-term +160°C

- 高级，特殊配方聚酰胺6制成
- 易于安装
- 让软管的轴向应力消除但允许旋转
- 特别适用于动态应用
- 与系统模块灵活组合应用
- 固定的多种可能性
- 自熄灭性好
- 不含卤素和镉
- 极好的冲击强度
- 温度范围：-40°C 至 +105°C；短期温度 +160°C

GN strain relief half shells

Used for fixing PMA conduits in conjunction with beam systems, particularly in traction and machine applications.

GN 消除应力瓦形件

用于固定软管连接杠杆部分，尤其应用在机车和机械制造行业。

Order No. fine profile, black 订货号 细波纹，黑色	Order No. coarse profile, black 订货号 粗波纹，黑色	Fits to conduit size NW metric 适配软管尺寸 标称内径 公制		Outside diameter 外径	Dimensions width 尺寸 宽
BGN-S12T	-	12	16	26.5	34.0
BGN-S17T	BGN-S17G	17	20	32.0	34.0
BGN-S23T	BGN-S23G	23	25	39.5	34.0
BGN-S29T	BGN-S29G	29	32	47.0	34.0
BGN-S36T	-	36	40	55.0	36.5
-	BGN-S36G	36	40	55.0	34.0
BGN-S48T	-	48	50	66.5	36.5
-	BGN-S48G	48	50	66.5	34.0
-	BGN-S70G	70	80	93.5	38.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40050
要了解详细技术规格，请索取“技术数据表” DB-Nr.40050

unit = mm
单位 = mm

Notes 备注