



Besides the standard products we also provide custom built solutions with special productions

除了标准产品，我们还提供特别定制的产品，以满足需求



IP66/IP68

SNV straight, metric, metal thread, swivel

For applications with high technical requirements mainly in machine building.

SNV 直型, 公制, 金属螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。

CE

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
# NSNV-M120-10	M12 x 1.5	10	12	10.0	50.5	10
# NSNV-M162-10	M16 x 1.5	12	16	10.0	53.5	10
# NSNV-M207-10	M20 x 1.5	17	20	10.0	62.5	10
# NSNV-M253-11	M25 x 1.5	23	25	11.0	67.5	—
# NSNV-M329-13	M32 x 1.5	29	32	13.0	72.0	—
# NSNV-M329-7	M32 x 1.5	29	32	7.0	66.0	10
# NSNV-M406-13	M40 x 1.5	36	40	13.0	85.5	10
# NSNV-M406-7	M40 x 1.5	36	40	7.0	79.5	10
# NSNV-M409-13	M40 x 1.5	29	32	13.0	72.0	10
# NSNV-M508-14	M50 x 1.5	48	50	14.0	87.5	10
# NSNV-M638-14	M63 x 1.5	48	50	14.0	84.0	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32055
要了解详细技术规格, 请索取“技术数据表”DB-Nr.32055

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- Specially formulated polyamide 6 thread and integrated swivel adapter made from nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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: Fitting with oval clips (OVN2), conduit and thread seals (NVN3, SVN4 and OR)

- 高级配方聚酰胺6制成, 螺纹和旋转适配器为黄铜镀镍制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆的简易导入
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4 和 OR)

IP66/IP68

SBV 90° curved, elbow, metric, metal thread, swivelFor applications with high technical requirements mainly in machine building.
Suitable for occasional rotation.**SBV** 90° 弯曲型, 公制, 金属螺纹, 旋转管接头对于技术要求高, 主要集中在机械制造的应用
适用于偶然的旋转。CE
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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	External dimensions 外部尺寸	MOQ (pcs) 最小起订量 黑色N
NSBV-M207-10	M20 x 1.5	17	20	10.0	62.5 x 74.5	—
NSBV-M253-11	M25 x 1.5	23	25	11.0	73.0 x 87.5	—
NSBV-M329-13	M32 x 1.5	29	32	13.0	86.5 x 98.0	—
# NSBV-M329-7	M32 x 1.5	29	32	7.0	80.5 x 98.0	10
NSBV-M406-13	M40 x 1.5	36	40	13.0	98.5 x 127.5	—
# NSBV-M406-7	M40 x 1.5	36	40	7.0	92.5 x 127.5	10
# NSBV-M409-13	M40 x 1.5	29	32	13.0	86.5 x 98.0	10
NSBV-M508-14	M50 x 1.5	48	50	14.0	113.5 x 139.0	—
NSBV-M638-14	M63 x 1.5	48	50	14.0	110.0 x 139.0	—

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32045
要了解详细技术规格, 请索取“技术数据表”DB-Nr.32045

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

- High-grade formulated polyamide 6, thread and integrated swivel adapter made from nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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: Fitting with oval clips (OVN2), conduit and thread seals (NVN3, SVN4 and OR)

- 高级配方聚酰胺6制成, 螺纹和旋转适配器为黄铜镀镍制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆的简易导入
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4 和 OR)



- High-grade, Specially formulated polyamide 6. Integrated, swivel adapter made of nickel-plated brass
- With corresponding seals IP68 static / IP67 dynamic
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMAFLEX conduits
- High conduit pull-out strength
- Enables a rotation or occasional movement
- Easy installation
- 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 oval clips (OVN2), conduit and thread seals (NVN3, SVN4 and OR)

- 高级、特殊配方聚酰胺6, 旋转适配器为黄铜镀镍制成
- 带相应密封圈, IP68静态 / IP67动态
- 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
- 高强度的抗拉能力
- 允许旋转或偶尔运动
- 易于安装
- 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), 软管和螺纹 NVN3, SVN4 和 OR)



- High-grade formulated polyamide 6, thread and integrated swivel adapter made from nickel-plated brass
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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:** Fitting with oval clips (OVN2), conduit and thread seals (NVN3, SVN4 and OR)

- 高级配方聚酰胺6制成, 螺纹和旋转适配器为黄铜镀镍制成
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆的筒易导入
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4和OR)

IP66/IP68

SWV 90° elbow, metric, metal thread, swivel

For applications with high technical requirements mainly in machine building.
Suitable for occasional rotation.

SWV 90°, 公制, 金属螺纹, 旋转管接头



应用于高技术要求, 主要集中在机械制造的应用。
适用于偶然的旋转。

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	External dimensions 外部尺寸	PU 包装量	MOQ (pcs) 最小起订量
# NSWV-M120-10	M12 x 1.5	10	12	10.0	48.0 x 40.5	50	10
# NSWV-M162-10	M16 x 1.5	12	16	10.0	52.5 x 47.5	50	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32016
要了解详细技术规格, 请索取“技术数据表”DB-Nr.32016

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

SBV 90° curved, elbow, PG, metal thread, swivel

For applications with high technical requirements mainly in machine building.
Suitable for occasional rotation.

SBV 90° 弯曲型, PG制, 金属螺纹, 旋转管接头



对于技术要求高, 主要集中在机械制造的应用
适用于偶然的旋转。

Order No. black 订货号 黑色	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	External dimensions 外部尺寸	MOQ (pcs) 最小起订量
NSBV-P167-6.5	16	17	20	6.5	58.0 x 74.5	-
NSBV-P213-7	21	23	25	7.0	69.0 x 87.5	-
NSBV-P299-8	29	29	32	8.0	80.0 x 98.0	-
NSBV-P366-9	36	36	40	9.0	91.5 x 127.5	-
# NSBV-P488-10	48	48	50	10.0	106.0 x 139.0	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32040
要了解详细技术规格, 请索取“技术数据表”DB-Nr.32040

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

SNV-NPT straight, NPT, metal thread, swivel

For applications with high technical requirements mainly in machine building.

SNV-NPT 直型, NPT制, 金属螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。



Order No. black 订货号 黑色	Thread NPT 螺纹 NPT	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Inside Diameter 内径	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
# NSNV-N022/01	1/2"	12	16	10.3	11.8	57.4	10
# NSNV-N027/01	1/2"	17	20	16.0	11.8	66.2	10
# NSNV-N043/01	3/4"	23	25	21.1	12.1	72.0	10
# NSNV-N069/01	1"	29	32	27.0	15.2	77.4	10
# NSNV-N076/01	1 1/4"	36	40	35.0	15.8	91.4	10
# NSNV-N088/01	1 1/2"	48	50	41.0	16.2	92.8	10
# NSNV-N098/01	2"	48	50	50.6	17.0	95.1	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32090
要了解详细技术规格, 请索取“技术数据表” DB-Nr.32090

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6 thread and integrated swivel adapter made from black anodized aluminium
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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: Fitting with oval clips (OVN2), conduit and thread seals (NVN3, SVN4)
- 特殊配方聚酰胺6, 螺纹和旋转适配器为黑色阳极氧化铝
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆易于导入
- PMAFLEX软管使用具有很好的防震作用
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)

IP66/IP68

SNIV-NPT straight, NPT female, metal thread, swivel

For applications with high technical requirements mainly in machine building.

SNIV-NPT 直型, NPT制, 金属内螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。



Order No. black 订货号 黑色	Thread NPT 螺纹 NPT	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Inside Diameter 内径	Thread length 螺纹 长度	Overall length 总 长度	MOQ (pcs) 最小起订量
# NSNIV-N022/01	1/2"	12	16	10.3	13.6	58.7	10
# NSNIV-N027/01	1/2"	17	20	16.0	13.6	67.0	10
# NSNIV-N043/01	3/4"	23	25	21.0	14.1	72.3	10
# NSNIV-N069/01	1"	29	32	28.4	16.8	76.5	10
# NSNIV-N076/01	1 1/4"	36	40	37.1	17.3	89.9	10
# NSNIV-N088/01	1 1/2"	48	50	43.2	17.3	90.4	10
# NSNIV-N098/01	2"	48	50	50.6	17.7	92.3	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32092
要了解详细技术规格, 请索取“技术数据表” DB-Nr.32092

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Specially formulated polyamide 6 thread and integrated swivel adapter made from black anodized aluminium
- very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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: Fitting with oval clips (OVN2), conduit seals (NVN3)
- 特殊配方聚酰胺6, 螺纹和旋转适配器为黑色阳极氧化铝
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆易于导入
- PMAFLEX软管使用具有很好的防震作用
- 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: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)



- Specially formulated polyamide 6 thread and integrated swivel adapter made from black anodized aluminium
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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:** Fitting with oval clips (OVN2), conduit and thread seals (NVN3, SVN4)
- 特殊配方聚酰胺6，螺纹和旋转适配器为黑色阳极氧化铝
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆易于导入
- PMAFLEX软管使用具有很好的防震作用
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3, SVN4)



- Specially formulated polyamide 6 thread and integrated swivel adapter made from black anodized aluminium
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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:** Fitting with oval clips (OVN2), conduit and thread seals (NVN3)
- 特殊配方聚酰胺6，螺纹和旋转适配器为黑色阳极氧化铝
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内作圆周转向
- 电线和电缆易于导入
- PMAFLEX软管使用具有很好的防震作用
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3)

IP66/IP68

SBV-NPT 90° curved elbow, NPT, metal thread, Swivel

For applications with high technical requirements mainly in machine building.

SBV-NPT 90° 曲线弯头, NPT制, 金属螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。



Order No. black 订货号 黑色	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
# * NSWV-N022/01	1/2"	12	16	11.8	56.7 x 48.5	10
# NSBV-N027/01	1/2"	17	20	11.8	66.2 x 74.2	10
# NSBV-N043/01	3/4"	23	25	12.1	77.5 x 87.5	10
# NSBV-N069/01	1"	29	32	15.2	91.9 x 98.0	10
# NSBV-N076/01	1 1/4"	36	40	15.8	104.5 x 125.2	10
# NSBV-N088/01	1 1/2"	48	50	16.2	118.9 x 138.2	10
# NSBV-N098/01	2"	48	50	17.0	121.2 x 138.2	10

* = 90° elbow of connector 此接头是90°直角弯头

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32094

要了解详细技术规格, 请索取“技术数据表”DB-Nr.32094

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

SBIV-NPT 90° curved elbow, NPT female, metal thread, Swivel

For applications with high technical requirements mainly in machine building.

SBIV-NPT 90° 曲线弯头, NPT制, 金属内螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。



Order No. black 订货号 黑色	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
# * NSWIV-N022 / 01	1/2"	12	16	13.6	58.0 x 48.5	10
# NSBIV-N027 / 01	1/2"	17	20	13.6	67.0 x 74.2	10
# NSBIV-N043 / 01	3/4"	23	25	14.1	77.8 x 87.5	10
# NSBIV-N069 / 01	1"	29	32	16.8	91.0 x 98.0	10
# NSBIV-N076 / 01	1 1/4"	36	40	17.3	103.0 x 125.2	10
# NSBIV-N088 / 01	1 1/2"	48	50	17.3	116.5 x 138.2	10
# NSBIV-N098 / 01	2"	48	50	17.7	118.4 x 138.2	10

* = 90° elbow of connector 此接头是90°直角弯头

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32096

要了解详细技术规格, 请索取“技术数据表”DB-Nr.32096

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

SHV 90° curved elbow, female metal UNEF thread, Swivel

For applications with high technical requirements mainly in machine building.

SHV 90° 曲线弯头, 金属 UNEF内螺纹, 旋转管接头

应用于高技术要求, 主要集中在机械制造的应用。



Order No. black 订货号 黑色	Thread UNEF 螺纹 UNEF	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
# NSHV-U357/01	1 7/16"-18	17	20	11.0	71.5 x 79.5	待定
# NSHV-U353/01	1 7/16"-18	23	25	11.0	80.5 x 89.0	待定
# NSHV-U503/01	2"-18 UNS	23	25	11.0	82.0 x 95.0	待定
# NSHV-U509/01	2"-18 UNS	29	32	11.0	91.0 x 102.0	待定
# NSHV-U506/01	2"-18 UNS	36	40	11.0	102.5 x 123.0	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.32061

要了解详细技术规格, 请索取“技术数据表” DB-Nr.32061

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 thread and integrated swivel adapter made from black anodised aluminium
- Very high impact resistance
- High thread and system connection strength
- Suitable for occasional rotation
- Round guidance within the connector
- Easy introduction of wires and cables
- Vibration-proof 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: Fitting with oval clips (OVN2), conduit and thread seals (NVN3 and OR)

- 特殊配方聚酰胺6; 螺纹和旋转适配器为黑色阳极氧化铝
- 非常高的抗冲击强度
- 高强度的螺纹和系统连接
- 适用于偶然的旋转
- 在管接头内的圆滑引导
- 电线和电缆的简易导入
- 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: 管接头和椭圆型夹子 (OVN2), 软管和螺纹密封圈 (NVN3和OR)

IP66/IP68/IP69

SCA Positioning adapter metal

Allow the easy positioning of elbow connectors with metal thread.

SCA 金属定位适配器

与带有金属螺纹的弯型管接头配合使用, 容易固定接头位置。

Order No. black 订货号 黑色	Thread metric 螺纹 公制	Outside diameter 外径	Dimensions length 尺寸 长	MOQ (pcs) 最小起订量
SCA-M16-10	M16 x 1.5	22.0	32.0	—
SCA-M20-10	M20 x 1.5	26.0	33.0	—
SCA-M25-11	M25 x 1.5	32.0	35.0	—
SCA-M32-13	M32 x 1.5	39.0	39.5	—
SCA-M40-13	M40 x 1.5	50.0	41.0	—
SCA-M50-14	M50 x 1.5	59.0	43.5	—
# SCA-M63-14	M63 x 1.5	75.0	45.5	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51065

要了解详细技术规格, 请索取“技术数据表” DB-Nr.51065

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Nickel-plated brass
- In connection with PMA connectors with metal threads
- High fastening torque
- With thread edge protection
- Up to IP68 (IEC 60529/EN 60529) / IP69
- Temperature range: -40°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)

- 黄铜镀镍制成
- 与带金属螺纹的PMA管接头连接
- 高紧固扭矩
- 带螺纹边缘保护
- 防护等级达到IP68 (IEC 60529/EN60529) / IP69
- 温度范围: -40°C 至 +105°C
- 包装配件: 旋转耦合器, 螺纹密封圈 (SVN4 和 OR)



- Nickel-plated brass
- In connection with PMA connectors with metal threads
- High fastening torque
- With thread edge protection
- Up to IP68 (IEC 60529/EN 60529) / IP69
- Temperature range: -40°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)

- 黄铜镀镍制成
- 与带金属螺纹的PMA管接头连接
- 高紧固扭矩
- 带螺纹边缘保护
- 防护等级达到IP68 (IEC 60529/EN60529)/IP69
- 温度范围: -40°C 至 +105°C
- 包装配件: 旋转耦合器, 螺纹密封圈 (SVN4 和 OR)

IP66/IP68/IP69

SCA positioning adapter, metal

Allow the easy positioning of elbow connectors with metal thread.

SCA 金属定位适配器

与带有金属螺纹的弯型管接头配合使用, 容易固定接头位置。

Order No.	Thread PG	Outside diameter	Dimensions length	MOQ (pcs)
订货号	螺纹 PG	外径	尺寸长	最小起订量
# SCA-P09	09	22.0	35.0	10
# SCA-P11	11	26.0	36.0	10
# SCA-P16	16	29.0	38.0	10
# SCA-P21	21	39.0	41.0	10
# SCA-P29	29	44.0	42.5	10
# SCA-P36	36	59.0	49.0	10
# SCA-P48	48	69.0	50.5	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51060
要了解详细技术规格, 请索取“技术数据表” DB-Nr.51060

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Nickel-plated brass (other materials e.g. stainless steel available on request)
- Allows easy positioning of elbow connectors with exactly fixation of the outlet direction in a given thread hole
- High fastening torque
- Up to IP68 (IEC 60529/EN 60529) / IP69
- With thread edge protection
- Temperature range: -40°C to +105°C

- 黄铜镀镍制成 (可根据要求提供其他材料, 如不锈钢)
- 可以轻松定位弯头管接头, 并精确固定出线方向
- 高紧固扭矩
- 带螺纹边缘保护
- 防护等级达到IP68 (IEC 60529/EN60529)/IP69
- 温度范围: -40°C 至 +105°C

IP66/IP68/IP69

SCAK special positioning adapter metal

Allow the easy positioning of elbow connectors with metal thread.
With counter nut.

SCAK 特殊金属定位适配器

与带有金属螺纹的弯型管接头配合使用, 容易固定接头位置。
带埋头螺母。

Order No.	Thread inside metric	Thread outside metric	Outside diameter	Dimensions length	MOQ (pcs)
订货号	内螺纹 公制	外螺纹 公制	外径	尺寸长	最小起订量
# SCAK-M20-10	M20 X 1.5	M20 X 1.5	26.0	31.5	10
# SCAK-M25-11	M25 X 1.5	M25 X 1.5	32.0	35.0	10
# SCAK-M32-13	M32 X 1.5	M32 X 1.5	39.0	38.0	10
# SCAK-M40-13	M40 X 1.5	M40 X 1.5	50.0	39.0	10
# SCAK-M50-14	M50 X 1.5	M50 X 1.5	59.0	41.5	待定
# SCAK-M63-14	M63 X 1.5	M63 X 1.5	75.0	43.0	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51068
要了解详细技术规格, 请索取“技术数据表” DB-Nr.51068

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/IP69

SWA swivel adapter, metric

These adapters with thread edge protection and special sealing are generally used in connection with PMAFIX connectors and allow the connectors to freely swivel in applications where such movement is occasionally necessary.

SWA 旋转适配器，公制螺纹

这种适配器带有螺纹边缘保护和专用密封装置。依据安装需要，配合PMAFIX管接头使用，可自由的360度旋转。

Order No.	Thread inside metric	Thread outside metric	Outside diameter	Dimensions length
订货号	内螺纹 公制	外螺纹 公制	外径	尺寸 长
SWA-M16-10	M16 x 1.5	M16 x 1.5	23.0	37.5
SWA-M20-10	M20 x 1.5	M20 x 1.5	27.0	38.5
SWA-M25-11	M25 x 1.5	M25 x 1.5	32.0	41.0
SWA-M32-13	M32 x 1.5	M32 x 1.5	45.0	46.5
SWA-M40-13	M40 x 1.5	M40 x 1.5	55.0	47.5
SWA-M50-14	M50 x 1.5	M50 x 1.5	59.0	49.5
SWA-M63-14	M63 x 1.5	M63 x 1.5	75.0	52.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51075
要了解详细技术规格，请索取“技术数据表”DB-Nr.51075

unit = mm
单位 = mm



- Nickel-plated brass
- Allow PMA connectors to swivel freely in applications where such movement is occasionally necessary
- With thread edge protection
- With corresponding seals up to IP68 / IP69
- Temperature range: -40°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)
- 黄铜镀镍制成
- 某些需要偶尔运动的场合，允许PMA管接头自由旋转
- 带螺纹的边缘保护
- 带相应密封圈，防护等级IP68 / IP69
- 温度范围：-40°C 至 +105°C
- 包装配件：适配器，螺纹密封圈（SVN4 和 OR）

IP66/IP68/IP69

SWA swivel adapter, PG

These adapters with thread edge protection and special sealing are generally used in connection with PMAFIX connectors and allow the connectors to freely swivel in applications where such movement is occasionally necessary.

SWA 旋转适配器，PG 螺纹

这种适配器带有螺纹边缘保护和专用密封装置。依据安装需要，配合PMAFIX管接头使用，可自由的360度旋转。

Order No.	Thread inside PG	Thread outside PG	Outside diameter	Dimensions length	MOQ (pcs)
订货号	内螺纹 PG	外螺纹 PG	外径	尺寸 长	最小起订量
# SWA-P09	09	09	23.0	44.5	10
# SWA-P11	11	11	27.0	45.5	10
# SWA-P16	16	16	32.0	48.0	10
# SWA-P21	21	21	40.0	51.0	10
SWA-P29	29	29	50.0	52.0	—
SWA-P36	36	36	59.0	55.0	—
SWA-P48	48	48	70.0	55.0	—
# SWA-M56P48	48	M56 X 2.0	70.0	56.0	待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51070
要了解详细技术规格，请索取“技术数据表”DB-Nr.51070

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



- Nickel-plated brass
- In connection with PMA connectors with metal threads
- With thread edge protection
- With corresponding seals up to IP68 / IP69
- Temperature range: -40°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)
- 黄铜镀镍制成
- 与带金属螺纹的PMA管接头连接
- 带螺纹的边缘保护
- 带相应密封圈，防护等级IP68 / IP69
- 温度范围：-40°C 至 +105°C
- 包装配件：适配器，螺纹密封圈（SVN4 和 OR）



- Nickel-plated brass
- Allow PMA connectors to freely swivel in applications where such movement is occasionally necessary
- IP68 / IP69
- Suitable for PMAFIX with metal thread
- Temperature range: -40°C to +105°C
- Content of delivery: Complete adapter with special sealing

- 黄铜镀镍制成
- 某些需要偶尔运动的场合, 允许PMA管接头自由旋转
- IP68 / IP69
- 适用于金属螺纹PMAFIX管接头
- 温度范围: -40°C 至 +105°C
- 包装配件: 完整适配器, 带有特殊的密封

IP66/IP68/IP69

SWAI

swivel adapter with special sealing, metric metal thread, female

In connection with PMA connectors with metal thread.

SWAI

旋转适配器, 具有特别密封性能, 公制金属内螺纹

与PMA金属螺纹管接头配合使用。

Order No.	Thread inside metric female	Thread inside metric female	Thread length	Diameter length	Outside diameter	MOQ (pcs)
订货号	公制内螺纹	公制内螺纹	螺纹长度	尺寸长	外径	最小起订量
# SWAI-M25-11	M25x1.5	M25x1.5	11.0	42.0	32.0	10
# SWAI-M32-13	M32x1.5	M32x1.5	13.0	46.0	45.0	10
# SWAI-M40-13	M40x1.5	M40x1.5	13.0	49.0	55.0	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51077
要了解详细技术规格, 请索取“技术数据表”DB-Nr.51077

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Nickel-plated aluminium
- Very high impact resistance
- High thread and system connection strengths
- Enables different mounting positions:
 - with a lock nut behind a clearance hole
 - in threaded holes (lock nut on MAVI side for positioning)
 - with SCA spin-coupler
- Available outlet directions:
 - 45° (MAVI-Mxx / 01)
 - 30° (MAVI-Mxx / 02) on request
 - 15° (MAVI-Mxx / 03) on request
- IP68 stat. / IP67 dyn.
- Temperature range: -60°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)

- 铝镀镍制成
- 非常高的抗冲击性
- 高强度的螺纹和系统连接
- 适合多种安装位置
 - 光孔后端用锁紧螺母锁紧
 - 螺纹孔 (螺母在MAVI一端固定)
 - 配合SCA旋转耦合器
- 提供各种出口角度
 - 45° (MAVI-Mxx / 01)
 - 30° (MAVI-Mxx / 02) 按需要提供
 - 15° (MAVI-Mxx / 03) 按需要提供
- IP68静态 / IP67动态
- 温度范围: -60°C 至 +105°C
- 包装配件: 适配器, 螺纹密封圈 (SVN4 和 OR)

IP66/IP68

MAVI

special elbow adapter, metric thread

With various outlet angles
In connection with PMA connectors, especially connectors with strain relief VNZ
For high loads
Where certain cable outlet angles are required.

MAVI

特别弯曲适配器, 公制螺纹

适用于各种角度。
与PMA管接头配合使用, 特别是VNZ系列消除应力管接头, 适用于高负载场合, 应用于电缆出口角度有一定要求的场合。

Order No.	Thread inside metric female	Thread outside metric male	Thread length	Overall length			MOQ (pcs)		
				01/45°	02/30°	03/15°			
订货号	公制内螺纹	公制外螺纹	螺纹长度	01/45°	02/30°	03/15°	最小起订量		
# MAVI-M20/xx	M20x1.5	M20x1.5	10.0	45.0	42.0	38.0	—	10	10
# MAVI-M25/xx	M25x1.5	M25x1.5	11.0	51.0	47.0	42.5	—	10	10
# MAVI-M32/xx	M32x1.5	M32x1.5	13.0	54.0	50.0	44.0	10	10	10
# MAVI-M40/xx	M40x1.5	M40x1.5	13.0	62.0	57.5	48.5	—	10	10
# MAVI-M50/xx	M50x1.5	M50x1.5	14.0	75.0	68.0	58.0	—	10	10
# MAVI-M63/xx	M63x1.5	M63x1.5	14.0	84.0	76.5	60.5	10	10	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51085
要了解详细技术规格, 请索取“技术数据表”DB-Nr.51085

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

MAVI special elbow adapter,
PG thread

With various outlet angles
In connection with PMA connectors,
especially connectors with strain relief VNZ. For high loads
Where certain cable outlet angles are required.

MAVI 特别弯曲适配器, PG螺纹

适用于各种角度。
与PMA管接头配合使用, 特别是VNZ系列消除应力管
接头, 适用于高负载场合,
应用于电缆出口角度有一定要求的场合。

Order No. 订货号	Thread inside PG female PG 内螺纹	Thread outside PG male PG 外螺纹	Thread length 螺纹 长度	Overall length 总长度			MOQ (pcs) 最小起订量
				01/45° 01/45°	02/30° 02/30°	03/15° 03/15°	
# MAVI-P16 / xx	PG16	PG16	13.0	48.0	47.0	42.0	10
# MAVI-P21 / xx	PG21	PG21	14.0	54.5	51.5	45.5	10
# MAVI-P29 / xx	PG29	PG29	14.0	61.0	59.0	52.0	10
# MAVI-P36 / xx	PG36	PG36	17.0	76.0	71.5	67.5	10
# MAVI-P48 / xx	PG48	PG48	17.0	82.0	79.5	74.5	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51080
要了解详细技术规格, 请索取“技术数据表” DB-Nr.51080

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- Nickel-plated aluminium
- Very high impact resistance
- High thread and system connection strengths
- Enables different mounting positions:
 - with a lock nut behind a clearance hole
 - in threaded holes (lock nut on MAVI side for positioning)
- With SCA spin-coupler
- Available outlet directions:
 - 45° (MAVI-Pxx / 01)
 - 30° (MAVI-Pxx / 02) on request
 - 15° (MAVI-Pxx / 03) on request
- IP68 stat. / IP67 dyn.
- Temperature range: -60°C to +105°C
- Content of delivery: Adapter, thread seal (SVN4 and OR)

- 铝镀镍制成
- 非常高的抗冲击性
- 高强度的螺纹和系统连接
- 适合多种安装位置
 - 光孔后端用锁紧螺母锁紧
 - 螺纹孔 (螺母在MAVI一端固定)
 - 配合SCA旋转耦合器
- 提供各种出口角度
 - 45° (MAVI-Pxx / 01)
 - 30° (MAVI-Pxx / 02) 按需要提供
 - 15° (MAVI-Pxx / 03) 按需要提供
- IP68静态 / IP67动态
- 温度范围: -60°C 至 +105°C
- 包装配件: 适配器, 螺纹密封圈 (SVN4 和 OR)

IP66/IP68

MAVIK positioning, elbow adapter
with various outlet angles,
metric thread

In connection with PMA connectors,
especially connectors with strain relief VNZ.
For high loads
Where certain cable outlet angles are required.

MAVIK 定位弯曲适配器, 适合各种
角度, 公制螺纹

与PMA管接头配合使用, 特别是VNZ系列消除应力管
接头, 适用于高负载场合,
应用于电缆出口角度有一定要求的场合。

Order No. 订货号	Thread inside metric female 公制 内螺纹	Thread outside metric male 公制 外螺纹	Thread length 螺纹 长度	Overall length 总长度			MOQ (pcs) 最小起订量
				01/45° 01/45°	02/30° 02/30°	03/15° 03/15°	
# MAVIK-M20/xx	M20x1.5	M20x1.5	10.0	52.0	49.0	43.0	10 待定
# MAVIK-M25/xx	M25x1.5	M25x1.5	11.0	58.0	54.0	49.5	10 待定
# MAVIK-M32/xx	M32x1.5	M32x1.5	13.0	61.0	57.0	51.0	10 10
# MAVIK-M40/xx	M40x1.5	M40x1.5	13.0	69.5	65.0	56.0	10 10
# MAVIK-M50/xx	M50x1.5	M50x1.5	14.0	83.0	76.0	66.0	10 10
# MAVIK-M63/xx	M63x1.5	M63x1.5	14.0	92.0	84.5	68.5	10 待定 待定

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.51095
要了解详细技术规格, 请索取“技术数据表” DB-Nr.51095

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



- Adapter made from nickel-plated aluminium
- Counter nut made from nickel-plated brass
- Very high impact resistance
- High thread and system connection strengths
- The counter nut allows accurate positioning of the outlet direction in threaded holes
- Available outlet directions:
 - 45° (MAVIK-Mxx / 01)
 - 30° (MAVIK-Mxx / 02) on request
 - 15° (MAVIK-Mxx / 03) on request
- IP68 stat. / IP67 dyn.
- Temperature range: -60°C to +105°C
- Content of delivery: Adapter, thread seal OR

- 适配器由铝镀镍制成
- 埋头螺母由黄铜镀镍制成
- 非常高的抗冲击性
- 高强度的螺纹和系统连接
- 方向螺母可准确定位出口位置
- 提供各种出口角度
 - 45° (MAVIK-Mxx/01)
 - 30° (MAVIK-Mxx/02) 按需要提供
 - 15° (MAVIK-Mxx/03) 按需要提供
- IP68静态 / IP67动态
- 温度范围: -60°C 至 +105°C
- 包装配件: 适配器, 螺纹密封圈O型圈



- Nickel-plated brass
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to overbraided PMA conduits
- Easy mounting with clamping nut
- High conduit pull-out strength
- Very good weather resistance
- Fits both conduit profiles-fine (T) and coarse (G)
- IP68 stat. / IP67 dyn.
- Suitable for PMA, types PCS and VAML
- PMA Smart Line, type LLPF overbraided with steel or copper
- **Content of delivery:** Tension ring and screw, conduit seal (NVN3) and flat gasket (SVN4) and (OR)

- 黄铜镀镍制成
- 非常高的抗冲击性
- 高强度的螺纹和系统连接
- 和带编织网的PMA软管连接抗震性良好
- 带夹紧螺母，安装简便
- 良好的抗拉伸强度
- 非常好的耐候性
- 适合两种软管波纹-细波纹 (T) 和粗波纹 (G)
- 防护等级: IP68静态 / IP67动态
- 适用于: PMA软管, PCS和VAML系列
PMA Smart Line, LLPF 系列
带钢制或铜质编织网
- 包括配件: 压力环和螺钉, 软管密封圈 (NVN3)
扁平垫圈 (SVN4) 和 O型圈 (OR)

IP66/IP68

MONV special metal Connectors for overbraided conduits, metric thread

For termination of overbraided conduits in railway vehicle construction, for high loads, for EMC shielding and in areas with hot metal shavings and flying sparks.

MONV

特殊金属管接头，适合带编织网软管，公制螺纹

应用于铁路机车建设，适用于高负载场合、EMC屏蔽、高热金属刮擦和产生电火花的区域。

Order No. metal 订货号 金属	Thread size metric 螺纹尺寸 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
# MONV-M162-10	M16x1.5	12	16	10.0	57.0	待定
# MONV-M202-10	M20x1.5	12	16	10.0	57.0	10
# MONV-M207-10	M20x1.5	17	20	10.0	63.5	10
# MONV-M257-11	M25x1.5	17	20	11.0	64.5	10
# MONV-M253-11	M25x1.5	23	25	11.0	64.5	10
# MONV-M323-13	M32x1.5	23	25	13.0	68.5	10
# MONV-M329-13	M32x1.5	29	32	13.0	74.5	10
# MONV-M409-13	M40x1.5	29	32	13.0	74.5	10
# MONV-M406-13	M40x1.5	36	40	13.0	82.0	10
# MONV-M638-14	M63x1.5	48	50	14.0	86.5	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.52010
要了解详细技术规格，请索取“技术数据表”DB-Nr.52010

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

CE

MPNK Metric thread

For high temperature applications.
In railway vehicle construction.
For high loads.

MPNK 公制螺纹

应用于高温场合。
车辆和铁路机车制造。
高负载。

Order No.	Thread metric	Fits to conduit size NW metric		Profile	Thread length
订货号	螺纹公制	适配软管尺寸 标称内径	公制	波纹	螺纹长度
MPNK-M160	M16x1.5	10	12	T	12.0
MPNK-M162	M16x1.5	12	16	T	12.0
MPNK-M207	M20x1.5	17	20	T	14.0
MPNK-M253	M25x1.5	23	25	G	15.0
MPNK-M329	M32x1.5	29	32	G	18.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.52200
要了解详细技术规格，请索取“技术数据表” DB-Nr.52200

unit = mm
单位 = mm



- Nickel-plated brass, seals are made from silicon
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMA conduits
- Easy installation
- High conduit pull-out strength
- Very good weather resistance
- Temperature range: -60°C to +260°C stat. / -45°C to +260°C dyn.
- Content of delivery: Metal connector, conduit sealing ring, thread gasket and o-ring (two alternatives)

- 黄铜镀镍，密封件由硅制成
- 非常高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMA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
- 非常好的耐候性
- 温度范围：-60°C 至 +260°C（静态）/ -45°C 至 +260°C（动态）
- 包括配件：金属管接头，软管密封圈，螺纹垫圈和O型圈（两种选择）

IP66/IP68

CE

MONK metric thread

For termination of overbraided corrugated conduits.
For high temperature applications.
In railway vehicle construction.
For high loads.
In areas with metal shavings and flying sparks.

MONK 公制螺纹

金属管接头，用于外包编织网管的软管。
应用于高温场合。
应用于铁路机车建设。
适用于高负载场合。
适用于高热金属刮擦和产生电火花区域。

Order No.	Thread metric	Fits to conduit size NW metric		Profile	Thread length	Thread length	MOQ (pcs)
订货号	螺纹公制	适配软管尺寸 标称内径	公制	波纹	螺纹长度	总长度	最小起订量
# MONK-M162	M16x1.5	12	16	T	12.0	46.0	10
# MONK-M207	M20x1.5	17	20	T	14.0	50.0	10
# MONK-M257	M25x1.5	17	20	T	12.0	51.0	待定
# MONK-M253	M25x1.5	23	25	G	15.0	55.0	10
# MONK-M329	M32x1.5	29	32	G	18.0	62.0	10
# MONK-M406	M40x1.5	36	40	G	15.0	80.0	10
# MONK-M508	M50x1.5	48	50	G	16.0	85.0	10

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.52210
要了解详细技术规格，请索取“技术数据表” DB-Nr.52210

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



- Nickel-plated brass, seals are made from silicon
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMA conduits
- Easy installation
- High conduit pull-out strength
- Very good weather resistance
- Temperature range: -60°C to +260°C stat. / -45°C to +260°C dyn.
- Content of delivery: Metal connector, conduit sealing ring, thread gasket and o-ring (two alternatives)

- 黄铜镀镍，密封件由硅制成
- 非常高的抗冲击强度
- 极高强度的螺纹和系统连接
- 配合PMA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
- 非常好的耐候性
- 温度范围：-60°C 至 +260°C（静态）/ -45°C 至 +260°C（动态）
- 包括配件：金属管接头，软管密封圈，螺纹垫圈和O型圈（两种选择）



- High-grade formulated polyamide 6
- Very high impact resistance
- Vibration-proof connection to PMAFLEX conduits
- Easy installation
- High 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: Connection splice with pre-installed universal safety clips (AFN2)
- IP68: Connection splice with oval clips (OVN2), conduit seal (NVN3)
- 高级配方聚酰胺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: 管接头配有通用安全夹子 (AFN2)
- IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)



- High-grade, specially formulated polyamide 6, jubilee clip made of galvanised bright steel
- Very high impact resistance
- Quick connection of solid metal tubes with flexible PMA conduits
- Easy installation
- Available with or without jubilee clip
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles-fine (T) and coarse (G)
- VNR: IP68 static / IP67 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:
- IP68: Fitting with oval clips (OVN2), conduit seal (NVN3), clamp according to order number
- IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); clamp according to order no.
- 高级, 特殊配方聚酰胺6制成, 夹子由镀锌钢制成
- 非常高的抗冲击强度
- 快速灵活的连接硬的金属管和PMA软管
- 易于安装
- 可带或不带夹子
- 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)
- VNR: 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:
- IP68: 管接头和椭圆型夹子 (OVN2), 密封圈 (NVN3), 夹子依照订单号
- IP68GT: 管接头和通用安全夹子 (AFN2) 软管密封圈 (NVN3-GT); 夹子依照订单号

IP66 & IP66/IP68

VSG connection splices for flexible conduits

In railway vehicle construction and machine tool.

VSG 软管连接管接头

应用在铁路车辆和机床制造。



Order No. IP66 订货号 IP66	Order No. IP68 订货号 IP68	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Outside diameter 外径	Overall length 总 长度	MOQ(pcs) 最小起订量	
						IP66 灰色S	IP68 灰色S
# * VSGD-1212GT	# * VSGR-1212	12	16	23.5	66.0	800	800
# * VSGD-1717GT	# * VSGR-1717	17	20	29.5	87.0	500	500
# * VSGD-2323GT	# * VSGR-2323	23	25	37.0	103.0	360	360
# * VSGD-2929GT	# * VSGR-2929	29	32	44.0	100.0	320	320
# * VSGD-3636GT	# * VSGR-3636	36	40	53.5	130.0	200	200
# * VSGD-4848GT	# * VSGR-4848	48	50	66.0	133.0	180	180

* = 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.23093/23090

要了解详细技术规格, 请索取“技术数据表”DB-Nr.23093/23090

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm

IP66/IP68

VNR-REM connection to solid steel tube metric

In railway vehicle construction and other applications where metric metal tubes are to be connected with the flexible PMAFLEX system.

VNR-REM 连接公制尺寸钢管的管接头

在铁路车辆制造及其他应用中把公制金属管与PMAFLEX软管系统连接。



Order No. 订货号	Order No. with clamp 带夹子	Fits to conduit size NW 适配软管尺寸 标称内径	metric 公制	Steel tube metric 钢管 公制尺寸	Inside diameter 内径	Overall length 总 长度	MOQ(pcs) 最小起订量	
							IP68 黑色B/灰色S	IP68, 带架子 黑色B/灰色S
# * VNR-REM162	# * VNR-REM162-24	12	16	M16	16.0	54.0	- / 待定	- / 待定
# * BVNR-REM187	# * BVNR-REM187-28	17	20	M18	18.5	65.0	800 / -	800 / -
# * VNR-REM207	# * VNR-REM207-28	17	20	M20	20.0	65.0	- / 待定	- / 待定
# * VNR-REM253	# * VNR-REM253-32	23	25	M25	26.0	71.0	- / 待定	- / 待定
# * VNR-REM329	# * VNR-REM329-44	29	32	M32	32.0	71.0	- / 待定	- / 待定
# * VNR-REM406	# * VNR-REM406-50	36	40	M40	40.0	90.0	- / 待定	- / 待定
# * VNR-REM508	# * VNR-REM508-65	48	50	M50	50.0	90.0	- / 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" to order no. or insert before clamp size (e.g. BVNR-REM162GT, BVNR-REM162GT24). (Functional description PMAFIX IP68GT, page 3-12/13/14).

▲ IP68GT管接头开始供应。请在订货号后加上 "GT" 或插在管夹尺寸的前面。(例如: BVNR-REM162GT, BVNR-REM162GT24)。有关PMAFIX IP68GT管接头的功能描述, 见P3-12/13/14)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.42030

要了解详细技术规格, 请索取“技术数据表”DB-Nr.42030

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

VNR-RE connection to solid steel tube PG

In railway vehicle with PG dimensions construction and other applications where metal tubes are to be connected with the flexible PMAFLEX system.

VNR-RE 连接PG / 英制钢管的管接头

在铁路车辆制造及其他应用中把PG制金属管与PMAFLEX软管连接。



Order No.	Order No. with clamp	Fits to conduit size NW	metric	Steel tube PG / british	Inside diameter	Overall length	MOQ(pcs) 最小起订量	
订货号 ▲	订货号带夹子 ▲	适配软管尺寸 标称内径	公制	钢管 PG/英制尺寸	内径	总长度	IP68 黑色B/灰色S	IP68 带架子 灰色S
* VNR-RE12	* VNR-RE12-24	12	16	PG11	18.5	54.0	- / 600	600
BVNR-RE1317	BVNR-RE1317-28	17	20	PG13	20.4	65.0	- / -	-
* VNR-RE17	* VNR-RE17-28	17	20	PG16	22.5	65.0	- / 600	600
* VNR-RE23	* VNR-RE23-32	23	25	PG21	28.3	71.0	- / 480	480
* VNR-RE29	* VNR-RE29-44	29	32	PG29	37.0	70.5	- / 480	480
* VNR-RE36	* VNR-RE36-50	36	40	PG36	47.0	84.5	- / 360	360
* VNR-RE48	* VNR-RE48-65	48	50	PG48	59.3	90.0	- / 300	300
* BVNR-RE1917	-	17	20	3/4"	19.0	65.0	800 / -	-
* BVNR-RE2523	-	23	25	1"	25.5	71.0	600 / -	-
* BVNR-RE3129	-	29	32	1 1/4"	32.0	71.0	600 / -	-
* BVNR-RE3836	-	36	40	1 1/2"	38.0	130.0	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. or insert before clamp size (e.g. BVNR-RE12GT, BVNR-RE12GT24). (Functional description PMAFIX IP68GT, page 3-12/13/14).

▲ IP68GT管接头开始供应。请在订货号后加上"GT"或插在管夹尺寸的前面。例如: BVNR-RE12GT, BVNR-RE12GT24)。有关PMAFIX IP68GT管接头的功能描述, 见P3-12/13/14)。

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.42020
要了解详细技术规格, 请索取"技术数据表" DB-Nr.42020

标记为 # 的产品有最小起订量 (MOQ)

unit = mm
单位 = mm



- High-grade, specially formulated polyamide 6, jubilee clip made of galvanised bright steel
- Very high impact resistance
- Quick connection of solid metal tubes with flexible PMA conduits
- Available with or without jubilee clip
- High conduit pull-out strength
- Very good chemical properties
- Free from halogens and cadmium
- Fits both conduit profiles - fine (T) and coarse (G)
- VNR: IP68 static / IP67 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:

IP68: Fitting with oval clips (OVN2), conduit seal (NVN3), clamp according to order number
IP68GT: Fitting with pre-assembled universal safety clips (AFN2) and conduit seal (NVN3-GT); clamp according to order no.

- 高级, 特殊配方聚酰胺6制成。夹子由镀锌钢制成
- 非常高的抗冲击强度
- 快速灵活连接硬的金属管和PMA软管
- 可带或不带夹子
- 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)
- VNR: 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:

IP68: 管接头和椭圆型夹子 (OVN2), 密封圈 (NVN3), 夹子依照订货号
IP68GT: 管接头和通用安全夹子 (AFN2) 软管密封圈 (NVN3-GT); 夹子依照订货号

IP66 & IP66/IP68

AV conduit adapters

In connection with PMAFIX/PMAFLEX system.

AV 软管适配器

应用在PMAFLEX系列软管和PMAFIX系列管接头的连接。

Order No. IP66	Order No. IP68	Input fits to fitting size NW	metric	Output fits to conduit size NW	metric	Overall length	MOQ(pcs) 最小起订量	
订货号 IP66	订货号 IP68	适配管接头入口尺寸 NW	公制	适配软管出口尺寸 NW	公制	总长度	IP66 灰色S	IP68 灰色S
-	* AVR-10/07	10	12	07	10	43.0	-	-
* AVD-12/10GT	* AVR-12/10	12	16	10	12	46.0	800	500
* AVD-17/10GT	* AVR-17/10	17	20	10	12	53.0	待定	500
* AVD-17/12GT	* AVR-17/12	17	20	12	16	54.0	800	400
* AVD-23/10GT	* AVR-23/10	23	25	10	12	54.0	待定	600
* AVD-23/12GT	* AVR-23/12	23	25	12	16	53.0	600	600
* AVD-23/17GT	* AVR-23/17	23	25	17	20	62.0	-	360
* AVD-29/10GT	* AVR-29/10	29	32	10	12	56.5	待定	400
* AVD-29/12GT	* AVR-29/12	29	32	12	16	55.0	待定	450
* AVD-29/17GT	* AVR-29/17	29	32	17	20	61.0	待定	320
* AVD-29/23GT	* AVR-29/23	29	32	23	25	64.0	360	300
* AVD-36/29GT	* AVR-36/29	36	40	29	32	81.0	200	160
* AVD-48/36GT	* AVR-48/36	48	50	36	40	88.5	150	160

* = 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.40039 / 40040
要了解详细技术规格, 请索取"技术数据表" DB-Nr.40039 / 40040

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
- Allows variable application of the PMAFIX system particularly of PMA distribution pieces
- 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)
- AVR: IP68 static / IP67 dynamic, conduit side
- Temperature range: -40°C to +105°C; Short-term: +160°C
- Content of delivery:

IP66: Adapter with pre-assembled universal safety clips (AFN2)
IP68: Adapter 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
- 此类适配器适合改变PMAFIX管径, 特别是PMA三通管接头
- 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
- AVR: IP68 静态 / IP67 动态
- 包装配件:

IP66: 管接头配有通用安全夹子 (AFN2)
IP68: 管接头和椭圆型夹子 (OVN2), 软管密封圈 (NVN3)



- High-grade, specially formulated polyamide 6
- Conduit enlarger
- Very high impact resistance
- Very good chemical properties
- Self-extinguishing
- Free from halogens and cadmium
- Temperature range: -40°C to +105°C; Short-term: +160°C
- 高级特别配方聚酰胺6
- 软管增扩器
- 非常良好的抗冲击性
- 非常良好的耐化学性能
- 自熄灭性好
- 不含卤素、镉
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

IP50

FAD conduit adapter

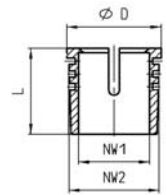
Can be used as a transition piece for mounting conduits with a smaller diameter than the fitting is designed for.

FAD 软管适配器

配合原有管接头，作为安装口径较小的软管适配器。

Order No. black 订货号 黑色	Conduit size NW1 标称内径	Fitting size NW2 管接头尺寸	Overall length 总 长度	PU meter 包装单位 米
BFAD-P070	07	10	20	50
BFAD-P102	10	12	20	50
BFAD-P127	12	17	20	50

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40041
要了解详细技术规格，请索取“技术数据表”DB-Nr.40041



unit = mm
单位 = mm



- Specially modified polyamide
- Self-extinguishing
- Free from halogens and cadmium
- Temperature range: -40°C to +105°C; Short-term: +160°C
- 特殊改良聚酰胺制成
- 自熄灭性好
- 不含卤素和镉
- 温度范围: -40°C 至 +105°C; 短期温度: +160°C

RKS conduit terminal sleeves

Used at the end of conduits where no connectors with threads are necessary.

RKS 终端套器

应用于无需螺纹连接的软管末端，是一种特有的套管。

Order No. black 订货号 黑色	Fits to conduit size NW 适配软管尺寸 标称内径	Inside diameter 内径	Outside diameter 外径	Dimensions width 尺寸 宽度
RKS-07	07	4.5	12.5	16.0
RKS-10	10	8.0	15.5	16.0
RKS-12	12	10.0	19.0	20.0
RKS-17	17	13.0	24.0	21.0
RKS-23	23	20.0	32.0	22.0
RKS-29	29	25.0	38.0	22.0
RKS-36	36	33.0	46.0	25.0
RKS-48	48	45.0	58.0	25.0
RKS-56	56	54.0	71.0	28.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40200
要了解详细技术规格，请索取“技术数据表”DB-Nr.40200

unit = mm
单位 = mm

CT conduit termination

For sealing of cables and wires at the exit from PMA corrugated conduits.

CT 软管终端

用于在软管末端电线的密封应用。

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		Clamping Range 电缆直径	Dimensions Length 尺寸 长度
BCT-10	10	12	4 - 6	28.0
BCT-12	12	16	5 - 9	35.0
BCT-17	17	20	7 - 14	42.0
BCT-23	23	25	14 - 22	51.0
BCT-29	29	32	16 - 22	53.0
BCT-36	36	40	16 - 29	55.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.60550
要了解详细技术规格, 请索取“技术数据表”DB-Nr.60550

unit = mm
单位 = mm



- Neoprene rubber
- Avoids ingress of dirt and liquids
- Large clamping range at the exit enables a wide range of applications
- Can be fixed additionally with cable ties
- Temperature range: -30°C to +120°C

- 由氯丁橡胶制成
- 避免灰尘和液体的侵入
- 出口处的电缆夹紧范围广
- 可用电缆扎带加强固定
- 温度范围: -30°C 至 +120°C

SS/SV abrasion protection sleeves

Abrasion protection for corrugated conduits in position exposed to chafing.

SS/SV 防磨损套管

用于不同场所对波纹软管的防磨损保护。

Order No. black 订货号 黑色	Fits to conduit size NW 适配软管尺寸 标称内径	Conduit profile 软管 波纹	Outside diameter 外径	Dimensions width 尺寸 宽度
BSS-10	10	T+G	30.0	18.0
BSS-17	17	T+G	42.0	22.0
BSS-23	23	T+G	49.0	26.0
BSS-29	29	T+G	55.0	26.0
BSS-36	36	T+G	63.0	30.0
BSS-48	48	T+G	75.0	30.0
BSS-56G	56	G	90.0	33.0
BSV-70G	70	G	108.0	60.0

For technical specification in details, please ask for "Technical Data Sheet" DB-Nr.40225 / 40220
要了解详细技术规格, 请索取“技术数据表”DB-Nr.40225 / 40220

unit = mm
单位 = mm



- High-grade, specially modified polyamide 6
- Increased the life time of moving conduits
- Excellent chafing characteristics
- 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: Abrasion protection sleeves with assembling screws

- 高级, 特殊改良聚酰胺6制成
- 增加动态软管的使用寿命
- 优秀的防摩擦性能
- 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
- 包括配件: 配螺钉的防摩擦套管