

FLEXTEL 140

H05VV5-F

The harmonised oil resistant control cable

DESIGN

Conductor

Electrolytic copper, class 5, based on EN 60228

Insulation

PVC.

The standard identification is the following:

2 x Black numbered

3 or more conductors Black numbered+ Yellow/green

Outer sheath

Flexible PVC oil resistant outer sheath, grey colour.

APPLICATIONS

The Flexitel 140 H05VV5-F cable is ideal for signalling and control systems. It is especially suitable for connecting industrial equipment and machine tools. Due to its properties, it is recommended for robotics and light mobile services. Its special vinilic outer sheath compound is particularly resistant to mineral oils and other chemical agents. It can be installed in either dry or humid environments.



CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius: 3&4 x cable diameter



Outdoor installation: occasional



Minimum service temperature: 5°C



Meter by meter marking



Water resistance AD5 water jet



Maximum service temperature 60°C



Flame non-propagation



Oil resistance: excellent



Maximum short-circuit temperature: 150°C (max. 5 s)



Impact resistance: AG1 weak impact



Chemical & oil resistance: good

INSTALLATION CONDITIONS



Industrial mobile use



In conduit



Robotics



Damp environment



Open air