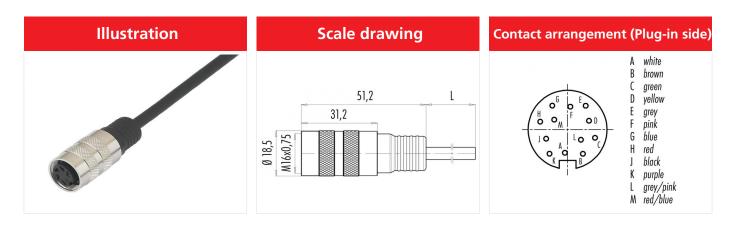
Product data sheet Miniature connectors



Product description

M16 IP67 female cable connector, Contacts: 12, unshielded, moulded on cable, IP67, PUR black, 12 x 0.25 mm²

Area Order number M16 IP67 series 425 79 6030 20 12



Technical data

General values

Connector design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper limit temperature Lower limit temperature Customs tariff number

Cable data

Cable length Sheath material PUR Single-lead insulation PP9Y Halogen free Yes Single-lead structure Cable diameter 6.5 mm Cable color black Conductor resistance 79 Temperature range, moving cable, °C fro26°C Temperature range, moving cable, °C to +80°C Temperature range, fixed cable, °C from-50°C Temperature range, fixed cable, °C to +80°C Bending radius, fixed cable $\ge 5 \times \emptyset$ Bending radius, moving cable ≥ 10 x Ø

female cable connector screw moulded on cable 0.25 mm² AWG 24 70 °C -25 °C 85444290

2 m 14x0.15 mm

Electrical values

Rated current (40 °C) Rated voltage Rated impulse voltage Pollution degree Overvoltage category Insulating material group Insulation resistance EMC compliance Degree of protection Mechanical operation

Material

Contact material Contact plating Contact body material Housing material **REACH SVHC**

3 A 60 V 500 V 1 T Ш $\geq 10^{10} \Omega$ unshielded IP67 > 500 Mating cycles

CuSn (bronze) Au (gold) PBT (UL94 V-0) PUR CAS 7439-92-1 (Lead)



Product data sheet Miniature connectors



Product description

M16 IP67 female cable connector, Contacts: 12, unshielded, moulded on cable, IP67, PUR black, 12 x 0.25 mm²

Area Order number M16 IP67 series 425 79 6030 20 12

Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).