Product data sheet

Automatisierungstechnik



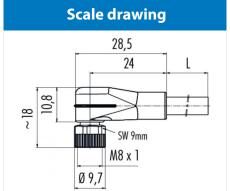
Product description Contacts: 4, cable length 2 m, cable: 4 x 0.25, PUR cable sheath, female angled connector, overmoulded, screw type M8x1,

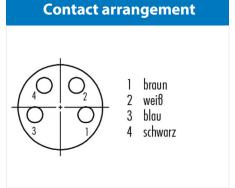
with hexagonal die-cast threaded ring

Area M8 Series 718

Order number 77 3408 0000 50004-0200







Technical data

General values

Connector design Winkeldose
Connector locking system schraub
Termination crimpen, am Kabel angespritzt
Wire gauge (mm) 0,34 mm²
Wire gauge (AWG) (22)
Upper limit temperature 85 °C
Lower limit temperature -25 °C

PUR

Cable data Sheath material

Single-lead insulation PP Single-lead structure 42 x 0.1 Cable sheath Ø 4.7 Conductor resistance 60Ω/Km Temperature range, moving cable, °C from -25 Temperature range, moving cable, °C to 90 Temperature range, fixed cable, °C from -50 Temperature range, fixed cable, °C to 90 Bending radius, fixed cable min. 5 x D Bending radius, moving cable min. 10 x D Approval 1 **UL** listed Cable diameter 4.7

Electrical values

Rated voltage 60 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Ш Insulating material group Ш Rated current (40 °C) 4 A Volume resistivity $\leq 3~m\Omega$ EMC compliance nicht geschirmt Degree of protection Mechanical operation > 100 Steckzyklen

Material

Contact material Contact plating Contact body material Housing material CuZn (brass) Au (Gold) PUR PUR

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Sicherheitshinweise

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).