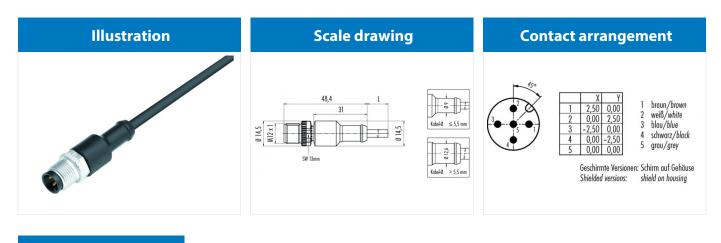
# **Product data sheet** Automation technology - sensors and actuators



Product description

M12-A cable connector, Contacts: 5, not shielded, moulded on cable, IP69K, UL listed, PUR black, 5 x 0.34 mm<sup>2</sup>

Area Order number M12-A series 763 77 3429 0000 50005-0500



## **Technical data**

#### **General values**

Notice

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 Single-lead insulation Single-lead structure Cable diameter Conductor resistance Temperature range, moving cable, °C from - 25 °C Temperature range, moving cable, °C to 90 °C Temperature range, fixed cable, °C from Temperature range, fixed cable, °C to ≥5xØ Bending radius, fixed cable Bending radius, moving cable Approval 1 UL style 1 AWM20549

Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right. cable connector screw moulded on cable 0.34 mm<sup>2</sup> 22 90 °C – 25 °C 85444290

5 m PUR

PP

42 x 0.1 mm

60 Ω/Km (20°C)

4.7 mm

-50 °C

90 °C

≥ 10 x Ø

UL listed

#### **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

4 A 60 V 1500 V 3 Ш Ш  $\geq 10^{10} \Omega$ not shielded IP69K > 100 Mating cycles

CuZn (brass) Au (gold) PUR PUR



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### Security notices

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).

