#### **Product data sheet**

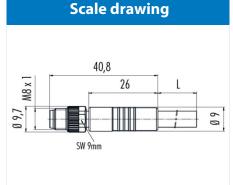
# Automation technology - sensors and actuators

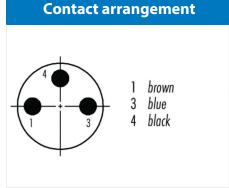


Product description M8 cable connector, Contacts: 3, not shielded, moulded on cable, IP67, UL listed, PUR black, 3 x 0.34 mm<sup>2</sup>

Order number 77 3405 0000 50003-0200







# **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

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

85 °C − 25 °C 85444290

2 m

### **Cable data**

Cable length

PUR Sheath material PP Single-lead insulation Single-lead structure 42 x 0,1 mm Cable diameter 4.3 mm Conductor resistance 60Ω/Km Temperature range, moving cable, °C from - 25 °C Temperature range, moving cable, °C to 90 °C Temperature range, fixed cable, °C from -50 °C Temperature range, fixed cable, °C to 90 °C ≥ 5 x Ø Bending radius, fixed cable Bending radius, moving cable ≥ 10 x Ø Approval 1 **UL** listed UL style 1 AWM20549

## **Electrical values**

Rated current (40 °C) Rated voltage 60 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Ш Insulating material group Ш EMC compliance not shielded Degree of protection IP67 Mechanical operation > 100 Mating cycles

### **Material**

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



### **Product data sheet**

# Automation technology - sensors and actuators



Product description M8 cable connector, Contacts: 3, not shielded, moulded on cable, IP67, UL listed, PUR black, 3 x 0.34 mm<sup>2</sup>

Area M8 series 718

Order number 77 3405 0000 50003-0200

### 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).