#### **Product data sheet**

# Automation technology - sensors and actuators



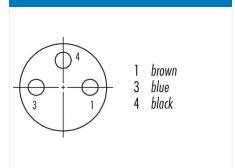
Product description M8 female angled connector, Contacts: 3, unshielded, moulded on cable, IP67, UL listed, PVC grey, 3 x 0.34 mm<sup>2</sup>

Area M8 series 718

Order number 77 3408 0000 20003-0500



# Scale drawing 28,5 24 L SW 9mm M8 x 1 Ø 9,7



PUR

PUR

CuZn (brass)

Contact arrangement (Plug-in side)

# Technical data

#### **General features**

Order number

Notice

Connector design

Cable length Version

Connector locking system
Termination
Degree of protection
Cross-sectional area
Temperature range from/to
Mechanical operation
Weight (g)

Customs tariff number

77 3408 0000 20003-0500 Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications

number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.

female angled connector 5 m

connector female angled

screw moulded on cable IP67

 $0.34 \text{ mm}^2 / \text{AWG } 22$ -25 °C / 85 °C > 100 Mating cycles

157 85444290

#### **Material**

Housing material Contact body material Contact material Contact plating Locking material

ntact plating Au (gold)
cking material Zinc die-cast nickelplated

REACH SVHC CAS 7439-92-1 (Lead)

#### **Authorization/approvals**

Approval 1 UL listed

#### Classifications

**RoHS Directive** 

eCl@ss 11.1 27-06-03-11 ETIM 7.0 EC001855

#### **Declarations of conformity**

Low Voltage Directive 2014/35/EU (EN

60529:1991;EN 60204-1:2018) 2011/65/EU (EN 50581:2012)

#### **Electrical parameters**

Rated voltage
Rated impulse voltage
Rated current (40 °C)
Pollution degree
Overvoltage category
Insulating material group
EMC compliance

60 V 1500 V 4 A 3 II II unshielded

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# **Technical data**

#### **Cable data**

Cable diameter 4.5 mm Sheath material Single-lead insulation PVC Single-lead structure 42x0.1 mm Cable color grey Conductor resistance 57 ≥ 5 x Ø Bending radius, fixed cable Bending radius, moving cable  $\geq 10 \times \emptyset$ >2Mio.

Bending cycles  $max. 5 m/s^2 +1 m/s^2$ Permitted acceleration Travel distance, horizontal  $5 \text{ m/sec}^2 \rightarrow 5 \text{ m}$ Travel distance, vertical  $5 \text{ m/sec}^2 \rightarrow 5 \text{ m}$ ≤ 200 m/min (5 m Travel speed horizontal distance)

Temperature range cable in move from/to -5°C / +105°C Temperature range cable fixed from/to -40°C / +105°C

Halogen free

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#### 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).