Product data sheet

Automation technology - sensors and actuators



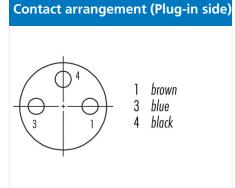
Product description M8 female cable connector, Contacts: 3, unshielded, moulded on cable, IP67/IP69K, UL listed, PUR black, 3 x 0.34 mm²

Area M8 series 718

Order number 77 3406 0000 50003-0200



Scale drawing 33,8 26 L SW 9mm



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

50003-0200 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. female cable connector connector female straight screw moulded on cable IP67/IP69K 0.34 mm² / AWG 22 -25 °C / 85 °C

> 100 Mating cycles

77 3406 0000

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

128

85444290

Material

Housing material PUR
Contact body material PUR
Contact material CuZn (brass)
Contact plating Au (gold)
Locking material Zinc die-cast nickelplated
REACH SVHC CAS 7439-92-1 (Lead)

Authorization/approvals

Approval 1 UL listed

Classifications

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)
ROHS Directive 2011/65/EU (EN

50581:2012)

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Cable data

Halogen free

Cable diameter 4.3 mm Sheath material Single-lead insulation PP9Y halogenfrei Single-lead structure 43x0,1 mm Cable color black Conductor resistance $60\Omega/\text{Km}$ Bending radius, fixed cable \geq 5 x Ø Bending radius, moving cable $\geq 10 \times \emptyset$ Bending cycles >5Mio. Permitted acceleration $\geq 5 \text{ m/s}^2$ Travel distance, horizontal ≥ 5 m Travel distance, vertical ≥ 5 m Travel speed ≤ 3.33 m/s Temperature range cable in move from/to -25°C / $+80^{\circ}\text{C}$ Temperature range cable fixed from/to -50°C / $+80^{\circ}\text{C}$ Temperature range cable fixed from/to

Yes

CUL US LISTED

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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).