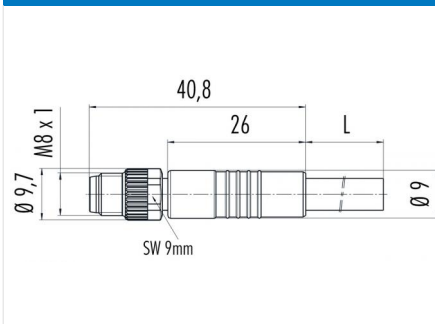


Product description	M8 male cable connector, Contacts: 3, unshielded, moulded on cable, IP67, UL listed, PVC grey, 3 x 0.34 mm ²
Area	M8 series 718
Order number	77 3405 0000 20003-0500

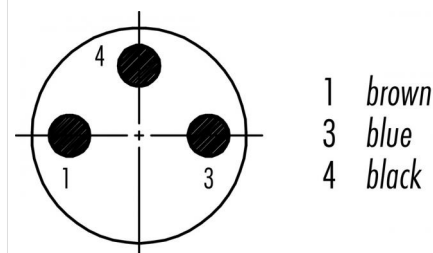
Illustration



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General values

Notice

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.

Connector design
Connector locking system
Termination
Wire gauge (mm)
Wire gauge (AWG)
Upper limit temperature
Lower limit temperature
Customs tariff number

male cable connector
screw
moulded on cable
0.34 mm²
AWG 22
85 °C
-25 °C
85444290

Cable data

Cable length 5 m
Sheath material PVC
Single-lead insulation PVC
Halogen free No
Single-lead structure 42x0.1 mm
Cable diameter 4.5 mm
Cable color grey
Conductor resistance 57
Temperature range, moving cable, °C from -55 °C to +105 °C
Temperature range, fixed cable, °C from -40 °C to +105 °C
Bending radius, fixed cable $\geq 5 \times \varnothing$
Bending radius, moving cable $\geq 10 \times \varnothing$
UL style 1 AWM2517

Electrical values

Rated current (40 °C) 4 A
Rated voltage 60 V
Rated impulse voltage 1500 V
Pollution degree 3
Overvoltage category II
Insulating material group II
EMC compliance unshielded
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
Locking material Zinc die-cast nickel-plated
REACH SVHC CAS 7439-92-1 (Lead)

authorization/approvals

Approval 1 UL 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).