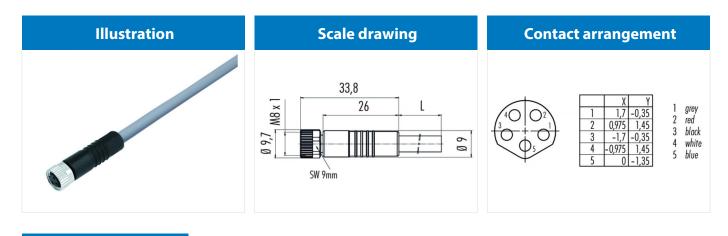
Product data sheet Automation technology - sensors and actuators



Product description

M8 female cable connector, Contacts: 5, not shielded, moulded on cable, IP67, UL listed, PVC grey, 5 x 0.34 mm²

Area Order number M8 series 718 77 3406 0000 20005-0500



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 5 m PVC Sheath material PVC Single-lead insulation Single-lead structure 42 x 0,1 mm Cable diameter 4.8 mm Conductor resistance 57 Ω/Km Temperature range, moving cable, °C from - 5 °C Temperature range, moving cable, °C to 105 °C Temperature range, fixed cable, °C from -40 °C Temperature range, fixed cable, °C to 105 °C Bending radius, fixed cable > 5 x Ø Bending radius, moving cable ≥ 10 x Ø Approval 1 UL listed UL style 1 AWM2517

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 screw moulded on cable 0.34 mm² 22 85 °C – 25 °C 85444290

Electrical values

Rated current (40 °C) Rated voltage Rated impulse voltage Pollution degree Overvoltage category Insulating material group EMC compliance Degree of protection Mechanical operation

Material

Contact material Contact plating Contact body material Housing material 3 A 30 V 800 V 3 II II not shielded IP67 > 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).

