Product data sheet

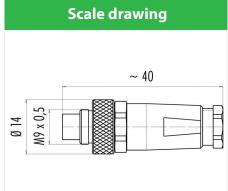
Subminiature connectors

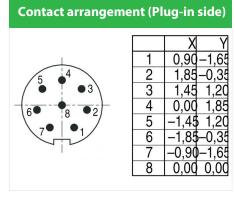


Product description M9 IP67 cable connector, Contacts: 8, 3.5 - 5.0 mm, shieldable, solder, IP67

Area M9 IP67 series 712
Order number 99 0425 10 08







You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

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

cable connector screw solder max. 0.14 mm² max. 26 3.5 - 5.0 mm 85 °C - 40 °C 85369010 100

Electrical values

Rated current (40 °C) 1 A Rated voltage 125 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Ш Insulating material group $\geq 10^{10}\,\Omega$ Insulation resistance EMC compliance shieldable Degree of protection IP67 Mechanical operation > 500 Mating cycles

Material

Contact material Contact plating Contact body material Housing material Locking material REACH SVHC CuZn (brass) Au (gold) PBT (UL94 V-0) PA/CuZn (Nickel-plated brass) CuZn (Brass nicke,I plated) CAS 7439-92-1 (Lead)

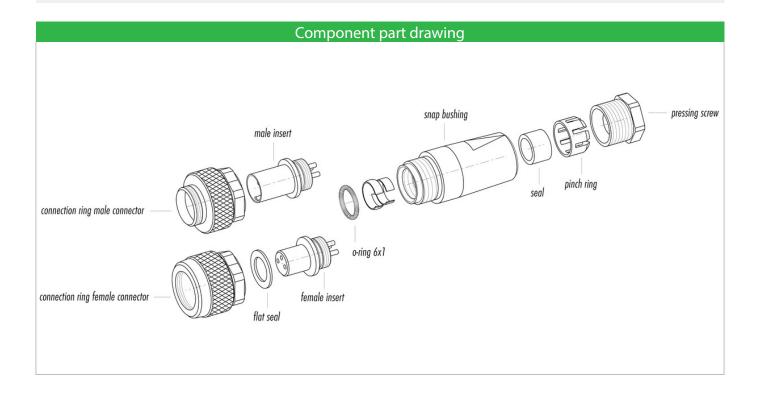
Product data sheet

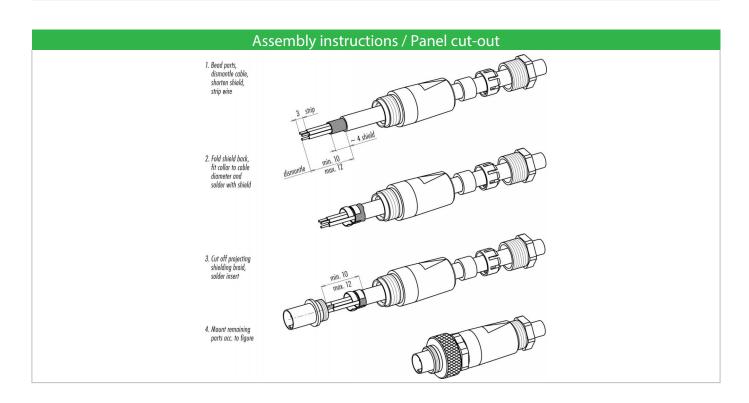
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Subminiature connectors



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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

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 used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

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).