Product data sheet

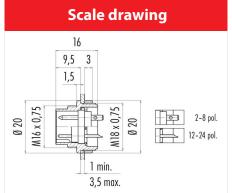
Miniature connectors

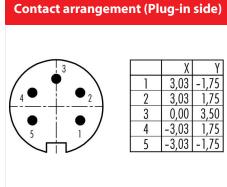


Product description M16 IP40 male panel mount connector, Contacts: 5, shielding is not possible, solder, IP40

Area **M16 IP40 series 680**Order number **09 0315 00 05**







You can find the assembly instructions on the next page.

Technical data

General values

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

male panel mount connector screw solder 0.75 mm² 18 85 °C - 40 °C 85369010 20

Electrical values

Rated current (40 °C) 6 A Rated voltage 250 V Rated impulse voltage 1500 V Pollution degree Overvoltage category Insulating material group $\geq 10^{10} \, \Omega$ Insulation resistance EMC compliance shielding is not possible Degree of protection > 500 Mating cycles Mechanical operation

Material

Contact material CuZn (brass)
Contact plating Ag (silver)
Contact body material PBT (UL94 VHousing material Zinc die-cast
REACH SVHC CAS 7439-92-

Ag (silver) PBT (UL94 V-0) Zinc die-cast nickel-plated CAS 7439-92-1 (Lead)

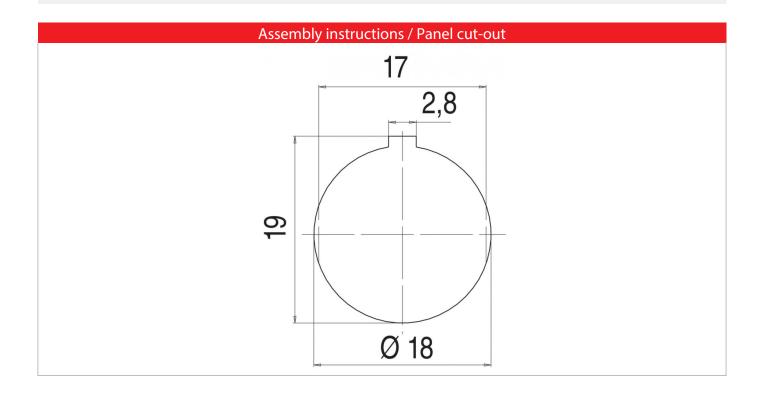
Product data sheet

Miniature connectors



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Product data sheet

Miniature connectors



Product description M16 IP40 male panel mount connector, Contacts: 5, shielding is not possible, solder, IP40

Area **M16 IP40 series 680**Order number **09 0315 00 05**

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.

To prevent the connector being opened unintentionally when used in electrical circuits containing hazardous life parts, the thread between the housing and the connector head must be secured using a suitable cyanoacrylate adhesive. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

The connector is not suitable for mains voltages. Please observe the pollution degrees and the overvoltage category. For further information refer to 'Technical support' in the Download Centre.