Product data sheet

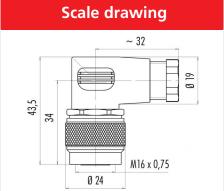
Miniature connectors

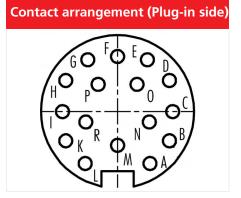


Product description M16 IP67 female angled connector, Contacts: 16, 4.0 - 6.0 mm, unshielded, solder, IP67

Area M16 IP67 series 723 Order number 99 0506 106 16







You can find the component part drawing 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

female angled connector screw solder max. 0.25 mm² max. AWG 24 4.0 - 6.0 mm 95 °C -40 °C 85369010

Electrical values

Rated current (40 °C) 3 A 60 V Rated voltage Rated impulse voltage 500 V Pollution degree Overvoltage category Insulating material group Ш $\geq 10^{10} \, \Omega$ Insulation resistance unshielded EMC compliance Degree of protection Mechanical operation > 500 Mating cycles

Material

Contact material Contact plating Contact body material Housing material REACH SVHC CuSn (bronze) Au (gold) PBT (UL94 V-0) PA CAS 96-45-7 (Imidazolidine-2-thione) CAS 7439-92-1 (Lead)

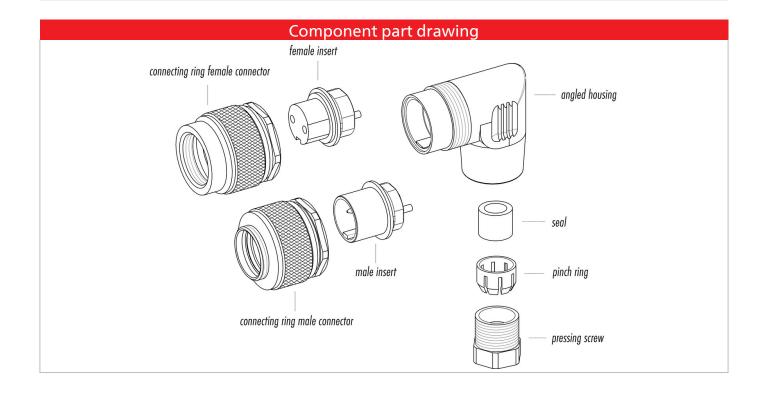
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Security notices

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).