Product data sheet
Miniature connectors

Product description	**M16 IP67 male panel mount connector, Contacts: 12, shielding is not possible, solder, IP67, UL**
Area	**M16 IP67 series 723**
Order number	**09 0131 80 12**

Illustration	Scale drawing	Contact arrangement

You can find the assembly instructions on the next page.

Technical data

General values

Connector design	male panel mount connector
Connector locking system	screw
Termination	solder
Wire gauge (mm)	0.25 mm^2
Wire gauge (AWG)	24
Upper limit temperature	95 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010
Packaging Unit	20

Cable data

Approval 1	UL

Electrical values

Rated current (40 °C)	3 A
Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	≥ 10^{10} Ω
EMC compliance	shielding is not possible
Degree of protection	IP67
Mechanical operation	> 500 Mating cycles

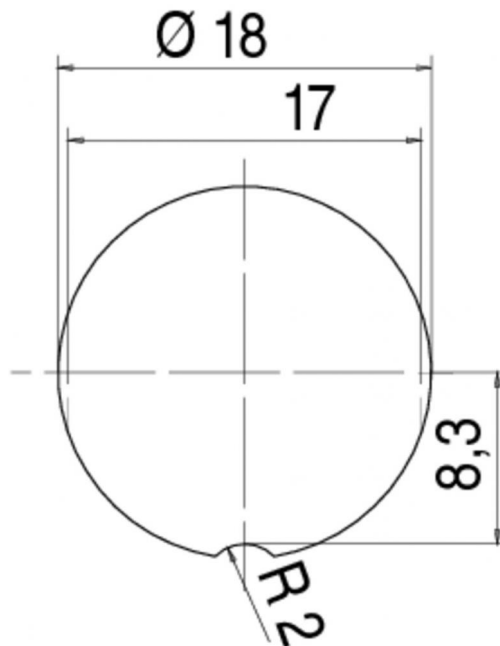## Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PBT (UL94 V-0)
Housing material	Zinc die-cast nickel-plated

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Assembly instructions / Panel cut-out

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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.