Product data sheet
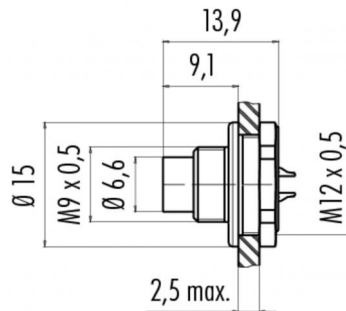## Subminiature connectors

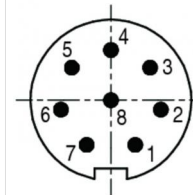|	
Product description	**M9 IP67 male panel mount connector, Contacts: 8, shieldable, solder, IP67**
Area	**M9 IP67**
Order number	**09 0427 00 08**

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	bolted
Termination	solder
Wire gauge (mm)	0.14 mm²
Wire gauge (AWG)	26
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	1 A
Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Insulating material group	III
Volume resistivity	$\leq 3\ m\Omega$
Insulation resistance	$\geq 10^{10} \Omega$
EMC compliance	shieldable
Degree of protection	IP67
Mechanical operation	> 500 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PA (UL 94 V-0)

Product data sheet

Subminiature connectors

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Assembly instructions / Panel cut-out
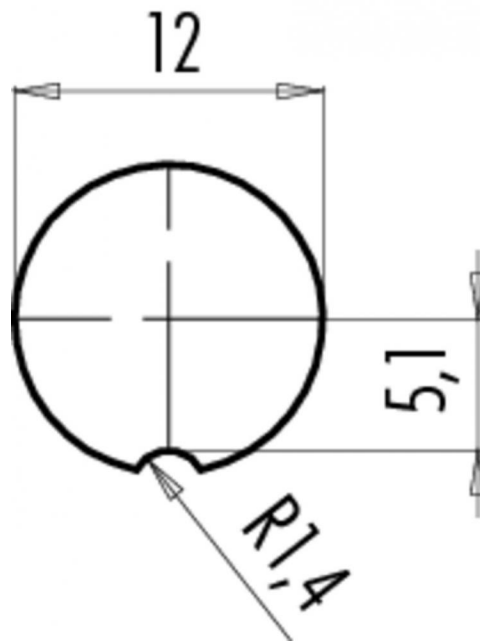
Product data sheet

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 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.