

Product description	M12-B female cable connector, Contacts: 2, shielded, moulded on cable, IP67, UL listed, PUR purple, 1 x 2 x 0.25 mm²
Area	M12-B series 766
Order number	77 4330 0000 60702-0200

Illustration	Scale drawing	Contact arrangement								
		<table style="margin-left: auto; margin-right: 0;"> <tr><td>1</td><td>n. C.</td></tr> <tr><td>2</td><td>grün/green</td></tr> <tr><td>3</td><td>n. C.</td></tr> <tr><td>4</td><td>rot/red</td></tr> </table>	1	n. C.	2	grün/green	3	n. C.	4	rot/red
1	n. C.									
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4	rot/red									

Technical data

General values

Connector design	female cable connector
Connector locking system	screw
Termination	moulded on cable
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Upper limit temperature	80 °C
Lower limit temperature	- 25 °C
Customs tariff number	85444290

Cable data

Cable length	2 m
Sheath material	PUR
Single-lead insulation	PE-Schaum
Single-lead structure	19 x 0,127 mm
Cable diameter	7.8 mm
Approval 1	UL listed

Electrical values

Rated current (40 °C)	4 A
Rated voltage	60 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
Insulation resistance	> 10 ⁸ Ω
EMC compliance	shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PUR
Housing material	PUR

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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.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).