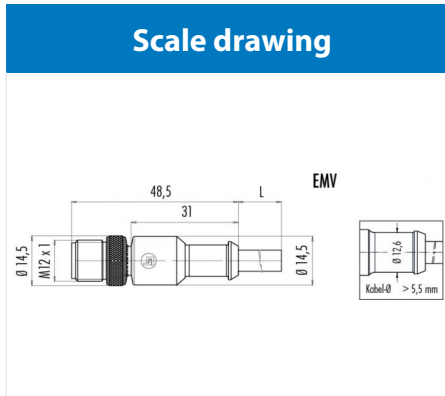


Product description	M12-A cable connector, Contacts: 8, shielded, moulded on cable, IP67, UL listed, Shielded cable, PUR black, 8 x 0.25 mm²
Area	M12-A series 763
Order number	77 3529 0000 50708-0200



Contact arrangement

	X	Y
1	2,69	0,57
2	0,57	2,69
3	-1,66	2,20
4	-2,75	0,19
5	-1,94	-1,94
6	0,19	-2,74
7	2,20	-1,65
8	0,00	0,00

- 1 weiß/white
- 2 braun/brown
- 3 grün/green
- 4 gelb/yellow
- 5 grau/grey
- 6 rosa/pink
- 7 blau/blue
- 8 rot/red

Geschirmte Versionen: Schirm auf Gehäuse oder Pin 8
Shielded versions: shield on housing or pin 8

Technical data

General values

Notice	Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.
Connector design	cable connector
Connector locking system	screw
Termination	moulded on cable
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Upper limit temperature	90 °C
Lower limit temperature	- 25 °C
Customs tariff number	85444290

Electrical values

Rated current (40 °C)	2 A
Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
Insulation resistance	≥ 10 ¹⁰ Ω
EMC compliance	shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PUR
Housing material	PUR

Cable data

Cable length	2 m
Sheath material	PUR
Single-lead insulation	PP
Single-lead structure	32 x 0,1 mm
Cable diameter	6.0 mm
Conductor resistance	79 Ω/Km
Temperature range, moving cable, °C from	- 25 °C
Temperature range, moving cable, °C to	90 °C
Temperature range, fixed cable, °C from	-50 °C
Temperature range, fixed cable, °C to	80 °C
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Approval 1	UL listed

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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.

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