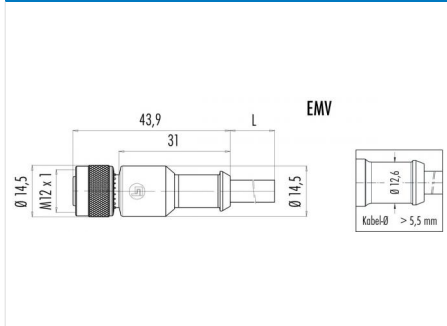


Product description	M12-A female cable connector, Contacts: 8, shielded, moulded on cable, IP67, UL listed, Shielded cable, PUR, TPU 11YH1, halogen free, flame retardant black, 8 x 0.25 mm²
Area	M12-A series 763
Order number	77 3530 0000 50708-0200

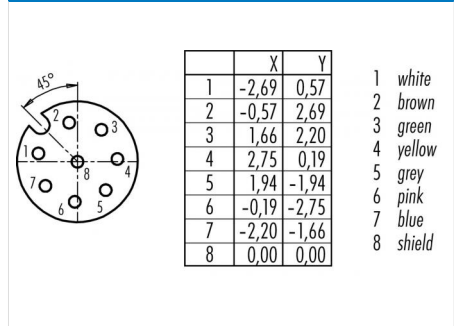
Illustration



Scale drawing



Contact arrangement (Plug-in side)



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	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	90 °C
Lower limit temperature	- 25 °C
Customs tariff number	85444290
Packaging Unit	1

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	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PUR
Housing material	PUR
Locking material	CuZn (Brass nicke,l plated)

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Technical data

Cable data

Cable length	2 m
Sheath material	PUR, TPU 11YH1, halogen free, flame retardant
Single-lead insulation	PP9Y
Halogen free	Yes
Single-lead structure	32x0.1 mm
Cable diameter	6.0 mm
Cable color	black
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	+90°C
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Approval 1	UL listed

Product description	M12-A female cable connector, Contacts: 8, shielded, moulded on cable, IP67, UL listed, Shielded cable, PUR, TPU 11YH1, halogen free, flame retardant black, 8 x 0.25 mm²
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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. 60 cNm).