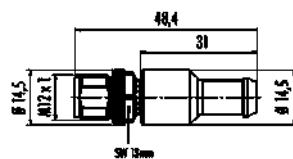


Product description	M12-A Male terminating connector, Contacts: 5, unshielded, IP68, UL, CAN-Bus
Area	M12-A series 763
Part no.	77 9839 0000 00005

Illustration

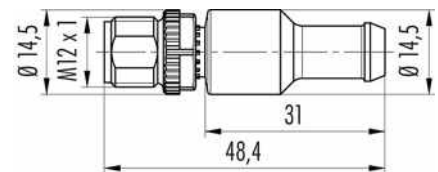


Pin assignment plans

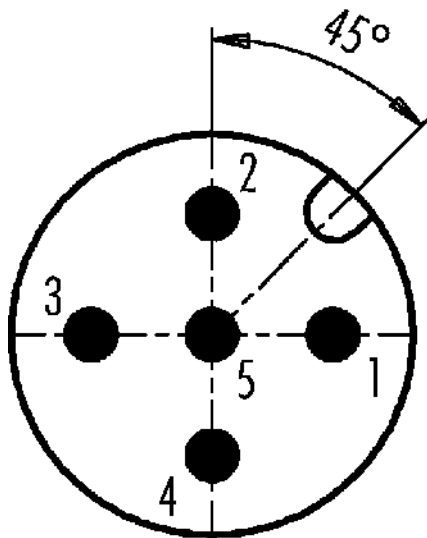


Pin assignment
1 not assembled
2 not assembled
3 not assembled
4 resistor
5 120 Ω

Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	77 9839 0000 00005
Connector design	Male terminating connector
Version	Male terminating connector
Connector locking system	screw
Degree of protection	IP68

Product data sheet

Automation technology - sensors and actuators



Product description	M12-A Male terminating connector, Contacts: 5, unshielded, IP68, UL, CAN-Bus
Area	M12-A series 763
Part no.	77 9839 0000 00005

Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	13.06
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current (40 °C)	4.0 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

Material

Housing material	PUR
Contact body material	PUR
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	32339bdd-a39c-4910-94d6-8c6011450a92

Authorization/approvals

Approvals	UL
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Classifications

eCl@ss 11.1	27-06-03-11
ETIM 7.0	EC001855

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
RoHS Directive	2011/65/EU (EN 50581:2012)

Cable data - Structure of the cable

Cable type	CAN-Bus
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Product description	M12-A Male terminating connector, Contacts: 5, unshielded, IP68, UL, CAN-Bus
Area	M12-A series 763
Part no.	77 9839 0000 00005

General Disclaim Notice

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).