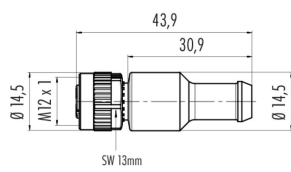


Product description	M12-A terminating socket, Contacts: 5, unshielded, IP67, UL listed, CAN-Bus
Area	M12-A series 763
Part no.	77 9840 0000 00005

Illustration

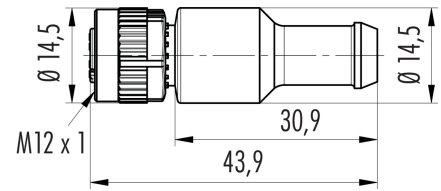


Pin assignment plans

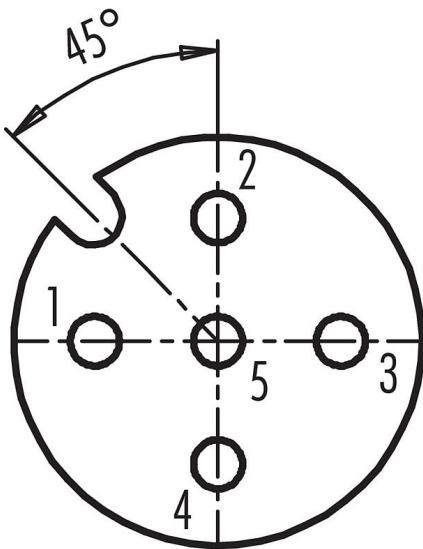


- Pin assignment**
- 1 not assembled
 - 2 not assembled
 - 3 not assembled
 - 4 resistor
 - 5 120 Ω

Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	77 9840 0000 00005
Connector design	terminating socket
Version	termination element female
Connector locking system	screw

Product data sheet

Automation technology - sensors and actuators



Product description	M12-A terminating socket, Contacts: 5, unshielded, IP67, UL listed, CAN-Bus
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Part no.	77 9840 0000 00005

Degree of protection	IP67
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	12.35
Customs tariff number	85444290

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current (40 °C)	4 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	CuSn (bronze)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	b8b0f472-7ec1-45e3-94af-8b5981bb590d

Authorization/approvals

Approvals	UL listed
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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 terminating socket, Contacts: 5, unshielded, IP67, UL listed, CAN-Bus
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Security notices

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 IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. 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).