

Product data sheet

Automation technology - Data transmission

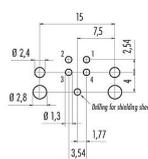


Product description	M12 Male panel mount connector, Contacts: 4, unshielded, THR, IP67, UL 2238, M12x1.0, Rear mounting, two-part design
Area	M12-D
Coding	D-coded
Series	876
Part no.	99 3731 202 04

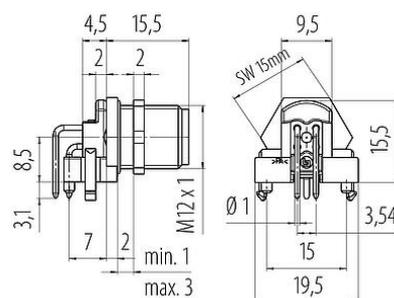
Illustration



Conductor layout



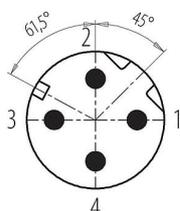
Scale drawing



Thickness of PCB:
1,6 mm

View of
mating side

Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	99 3731 202 04
Connector design	Male panel mount connector
Type standard	DIN EN 61076-2-101
Coding	D-coded
Version	Connector pin angled
Connector locking system	screw
Termination	THR
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	8.29

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Customs tariff number	85369010
Country of Origin	HU

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	4.0 A
Pollution degree	3
Transmission rate	CAT 5
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

Material

Housing material	CuZn (Brass nickel plated)
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	d1710ad0-57f4-4ebd-9790-5462b3643851

Authorization/approvals

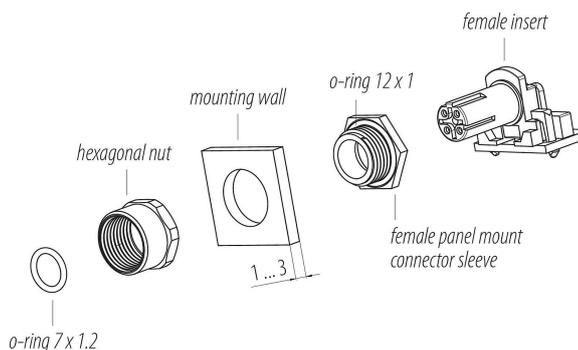
Approvals	UL 2238
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Classifications

eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

Assembly instructions

1. Fit the o-ring 12 x 1 onto the female panel mount connector sleeve and push it into the groove.
2. Push female panel mount connector sleeve through mounting wall.
3. Put on the nut and tighten it. Pay attention to the alignment of the female panel mount connector sleeve.
4. Insert the female insert into the female panel mount connector sleeve.
5. Thread the o-ring 7 x 1.2 onto the female insert and push it with a suitable tool in the direction of the stop surface of the female panel mount connector sleeve.



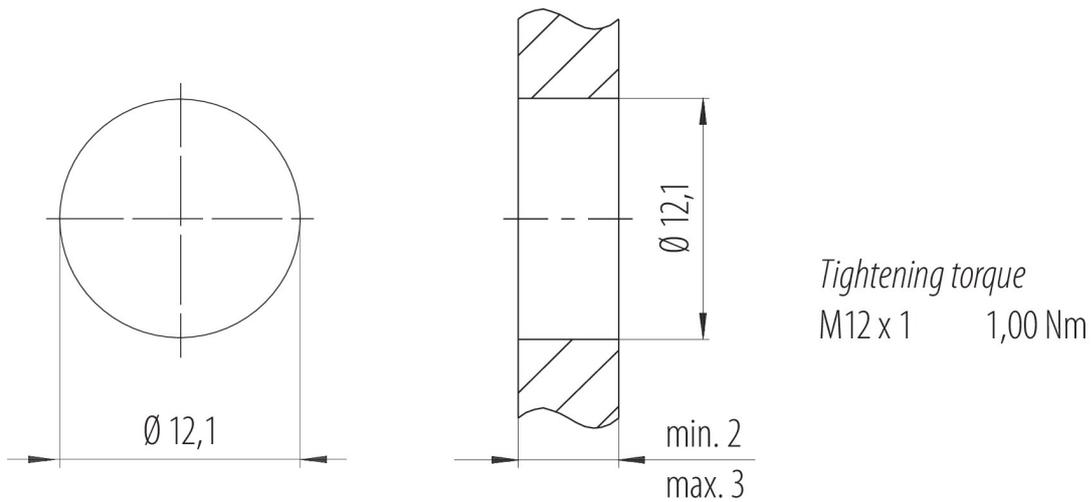
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Assembly instructions / Panel cut-out



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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.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

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. 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.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

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