

Product data sheet

Automation technology - Data transmission



Product description **M12 Female panel mount connector, Contacts: 4, unshielded, THR, IP67, UL, two-part design**

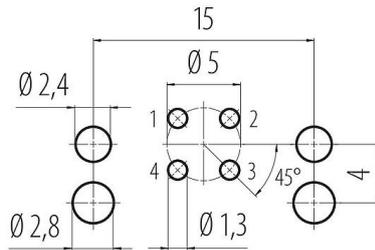
Area **series 876**

Part no. **99 3732 202 04**

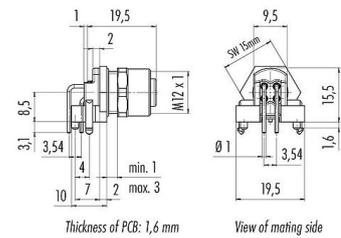
Illustration



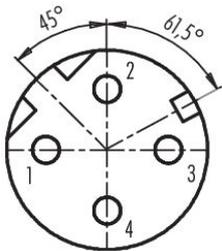
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	99 3732 202 04
Connector design	Female panel mount connector
Type standard	DIN EN 61076-2-101
Version	Connector socket angled
Connector locking system	screw
Termination	THR
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C

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Mechanical operation	> 100 Mating cycles
Additional information	two-part design
Weight (g)	10.86
Customs tariff number	85369010
Country of Origin	HU

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	4.0 A
Insulation resistance	> 10 ¹⁰ Ω
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	CuSn (bronze)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	7fdd3b9e-66b7-44af-86ef-05a9b5824e67

Authorization/approvals

Approvals	UL
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Classifications

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

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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.

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.

The plug connector is not suitable for mains voltages 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).