Product data sheet

Automation technology - Voltage and Power Supply



Product description

7/8" Female panel mount connector, Contacts: 4, unshielded, single wires, IP68, UL, VDE, front fastened

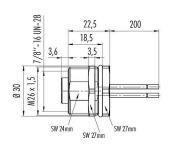
Area Part no. series 820 09 2448 100 04

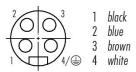
Illustration

Scale drawing

Contact arrangement (Plug-in side)







You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 2448 100 04
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	screw
Termination	single wires
Degree of protection	IP68
Cross-sectional area	0.75 mm ² / AWG 18
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	72.30
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	300 V (600 V UL)
Rated impulse voltage	4000 V
Rated current	7.0 A
Pollution degree	3
Overvoltage category	III
Insulating material group	1
EMC compliance	unshielded

Material

Contact body material	PUR	

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 Contact material
 CuZn (brass)

 Contact plating
 Au (gold)

 REACH SVHC
 CAS 7439-92-1 (Lead)

 SCIP number
 3dfa522b-48bb-42c0-b25e-a38bd7a542c0

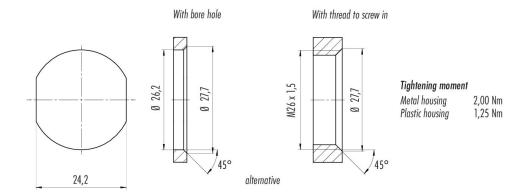
Authorization/approvals

Approvals UL, VDE

Classifications

eCl@ss 11.1	27-44-01-09
ETIM 9.0	EC003569

Assembly instructions / Panel cut-out



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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 to the device connector, we recommend tightening the threaded ring to 1.5 Nm. A suitable torque wrench is available as an accessory (order no. 07 0082 000).