

Product data sheet

Automation technology - voltage and power supply



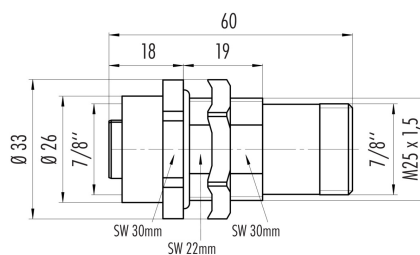
Product description 7/8" adapter, Contacts: 5, unshielded, pluggable, IP67, VDE

Area 7/8" series 820
Part no. 09 2472 00 05

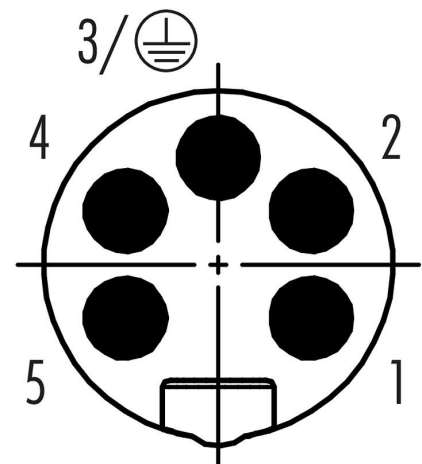
Illustration



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	09 2472 00 05
Connector design	adapter
Version	adapter
Connector locking system	screw
Termination	pluggable
Degree of protection	IP67
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	122.37
Customs tariff number	85369010

Electrical parameters

Rated voltage	300 V
Rated impulse voltage	4000 V
Rated current (40 °C)	6 A
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded



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Material

Contact body material	PUR
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	None (No pollutants) CAS 7439-92-1 (Lead)
SCIP number	SCIP-number not available

Authorization/approvals

Approvals	VDE
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Classifications

eCl@ss 11.1	27-44-01-09
ETIM 7.0	EC003569

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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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.

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. 50 cNm).