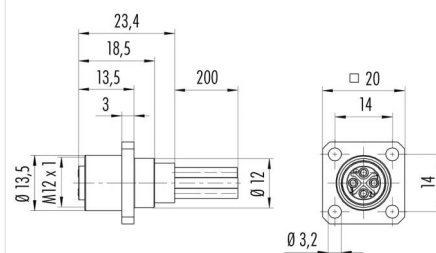


Product description	M12-S square female panel mount connector, Contacts: 3+PE, unshielded, single wires, IP40, UL
Area	M12-S series 814
Order number	09 0692 070 04

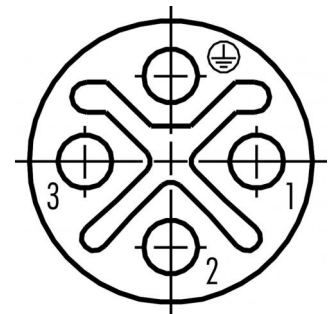
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General values

Connector design	square female panel mount connector
Connector locking system	screw
Termination	single wires
Wire gauge (mm)	1.38 mm ²
Wire gauge (AWG)	AWG 16
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	12 A
Rated voltage	630 V
Rated impulse voltage	6000 V
Pollution degree	3
Overvoltage category	III
Insulating material group	II
EMC compliance	unshielded
Degree of protection	IP40
Mechanical operation	IP67 with seal, see accessories > 100 Mating cycles

Material

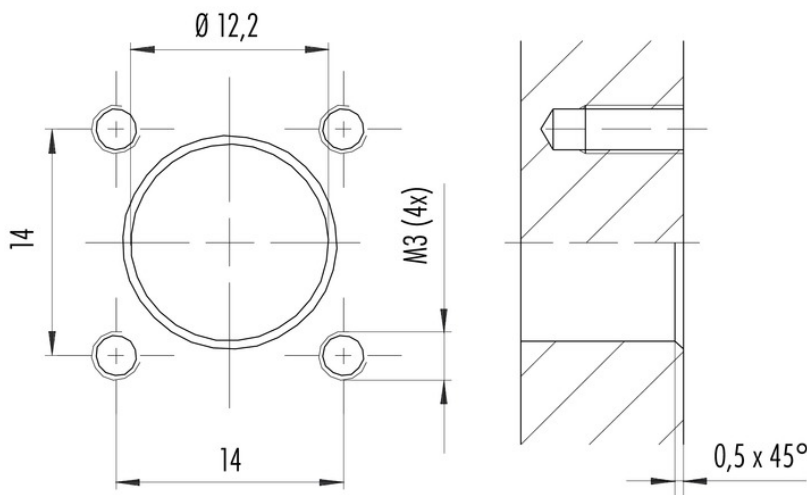
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
REACH SVHC	CAS 80-05-7 (4,4'-isopropylidendiphenol) CAS 7439-92-1 (Lead) CAS 61788-32-7 (Terphenyl, hydrogenated)

authorization/approvals

Approval 1	UL
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Product description	M12-S square female panel mount connector, Contacts: 3+PE, unshielded, single wires, IP40, UL
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Assembly instructions / Panel cut-out



Voraussetzungen für Schutzart IP67:

1. Verwendung von Dichtung, Best.-Nr. 16 0959 000
2. Gewinde M3 (4x) als Gewindesacklöcher oder Schraubenköpfe abgedichtet

Requirements for Degree of protection IP67:

1. Use of sealing, Ordering-No. 16 0959 000
2. M3 thread (4x) sealed as a threaded blind holes or screw heads

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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.