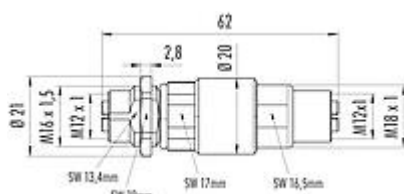


Product description	M12-X adapter, Contacts: 8, shielded, pluggable, IP67, UL
Area	M12-X series 825
Part no.	09 5286 00 08

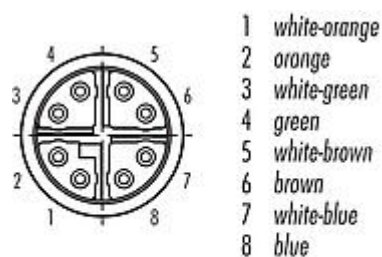
Illustration



Scale drawing



Contact arrangement (Plug-in side)



- 1 white-orange
- 2 orange
- 3 white-green
- 4 green
- 5 white-brown
- 6 brown
- 7 white-blue
- 8 blue

shield on housing

You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 5286 00 08
Connector design	adapter
Version	adapter
Connector locking system	screw
Termination	pluggable
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	53.59
Customs tariff number	85369010

Electrical parameters

Rated voltage	50 V (AC) / 60 V (DC)
Rated impulse voltage	800 V
Rated current (40 °C)	0,5 A
Insulation resistance	> 10 ⁸ Ω
Pollution degree	3
Transmission rate	CAT 6A
Overvoltage category	II
Insulating material group	III
EMC compliance	shielded
Shield connection	Shielding on the housing

Product description **M12-X adapter, Contacts: 8, shielded, pluggable, IP67, UL**

Area **M12-X series 825**
Part no. **09 5286 00 08**

Material

Housing material	Zinc die-cast 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	51c2fe78-a50b-4b17-a550-9a8aed7639e7

Authorization/approvals

Approvals	UL
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Classifications

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

Declarations of conformity

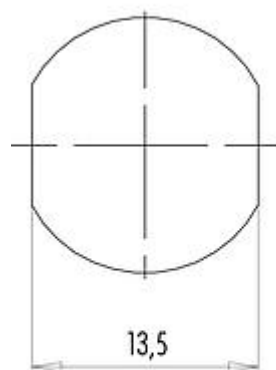
RoHS Directive	2011/65/EU (EN 50581:2012)
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Product description M12-X adapter, Contacts: 8, shielded, pluggable, IP67, UL

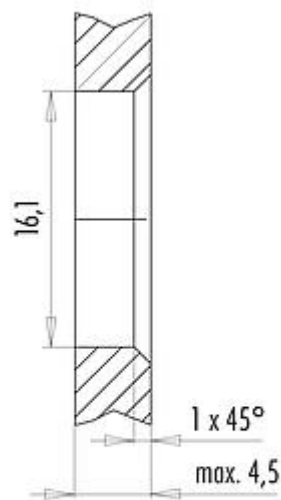
Area M12-X series 825
Part no. 09 5286 00 08

Assembly instructions / Panel cut-out

Mit Fläche als Verdrehenschutz
With flats as anti-rotation device



Mit Durchgangsbohrung
With bore hole



Anzugsdrehmoment/Tightening moment

Metallgehäuse/Metal housing 6,25 Nm
Kunststoffgehäuse/Plastic housing 3,75 Nm

Product description **M12-X adapter, Contacts: 8, shielded, pluggable, IP67, UL**

Area **M12-X series 825**
Part no. **09 5286 00 08**

General Disclaim Notice

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. 60 cNm).