

Product description	M12-X adapter, Contacts: 8, Shielding looped through, IP67, UL
Area	M12-X series 876
Order number	09 5288 00 08

Illustration	Scale drawing	Contact arrangement (Plug-in side)
		<ul style="list-style-type: none"> <li>1 white-orange</li> <li>2 orange</li> <li>3 white-green</li> <li>4 green</li> <li>5 white-brown</li> <li>6 brown</li> <li>7 white-blue</li> <li>8 blue</li> </ul> <p style="text-align: right;"><i>shield on housing</i></p>

## Technical data

### General values

Connector design	adapter
Connector locking system	screw
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

### Electrical values

Rated current (40 °C)	0.5 A
Rated voltage	50 V AC / 60 V DC V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Insulation resistance	> 10 <sup>8</sup> Ω
EMC compliance	Shielding looped through
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

### Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	Brass nickel-plated, Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)

### authorization/approvals

Approval 1	UL
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## Security notices

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).