

Product description	Contacts: 8, adapter, lead through for control cabinet, female-RJ45, straight
Area	M12-D, M12-X Series 825/876 X-coding
Order number	09 5287 00 08

Illustration	Scale drawing	Contact arrangement																											
		<table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-1,40</td><td>-2,80</td></tr> <tr><td>2</td><td>-2,80</td><td>-1,40</td></tr> <tr><td>3</td><td>-2,80</td><td>1,40</td></tr> <tr><td>4</td><td>-1,40</td><td>2,80</td></tr> <tr><td>5</td><td>1,40</td><td>2,80</td></tr> <tr><td>6</td><td>2,80</td><td>1,40</td></tr> <tr><td>7</td><td>2,80</td><td>-1,40</td></tr> <tr><td>8</td><td>1,40</td><td>-2,80</td></tr> </tbody> </table> <p style="font-size: small;">1 weiß-orange/white-orange 2 orange/orange 3 weiß-grün/white-green 4 grün/green 5 weiß-braun/white-brown 6 braun/brown 7 weiß-blau/white-blue 8 blau/blue</p> <p style="font-size: x-small;">Schirm auf Gehäuse shield on housing</p>		X	Y	1	-1,40	-2,80	2	-2,80	-1,40	3	-2,80	1,40	4	-1,40	2,80	5	1,40	2,80	6	2,80	1,40	7	2,80	-1,40	8	1,40	-2,80
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Technical data

General values

Connector design	adapter
Connector locking system	bolted
Upper limit temperature	85 °C
Lower limit temperature	-40 °C

Cable data

Approval 1	UL
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Electrical values

Rated current (40 °C)	0,5 A
Rated voltage	50V AC, 60V DC V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Volume resistivity	≤ 10 mΩ
Insulation resistance	> 10 ⁸ Ω
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PA
Housing material	Brass nickel-plated, Zinc die-cast nickel-plated

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Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).