

Product description	Contacts: 8, Cable outlet: 5 - 9 mm, RJ45male connector, shieldable, CAT 6A, cross-section AWG 24/1-AWG 22/1, AWG 27/7-AWG 22/7
Area	M12-D, M12-X Series 825 X-coding
Order number	99 9687 810 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	RJ45-male connector
Connector locking system	lock
Termination	penetration technique
Wire gauge (AWG)	AWG 24-22/1, AWG 27-22/7
Cable outlet	5,0 - 9,0 mm
Upper limit temperature	85 °C
Lower limit temperature category	-25 °C
Customs tariff number	CAT 6A 85366990

Electrical values

Rated current (40 °C)	1,3 A
Rated voltage	50 V
Rated impulse voltage	800 V
Pollution degree	2
Overvoltage category	III
Insulating material group	II
Volume resistivity	≤ 20 mΩ
EMC compliance	shieldable
Degree of protection	IP20
Mechanical operation	> 100 Mating cycles

Cable data

Approval 1	UL listed
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Material

Contact material	Spring steel
Contact plating	Au (gold)
Contact body material	PC
Housing material	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.