

| | |
|---------------------|--|
| Product description | Contacts: 8, adapter, lead through for control cabinet, female-RJ45, angled |
| Area | M12-D, M12-X Series 825/876 X-coding |
| Order number | 09 5288 00 08 |

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

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 |
|------------|----|

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).