

| | | | |
|---------|---|----------------|-------------------------|
| Product | Contacts: 4, Cable plug connector, metal lock, screw terminal connection | Area | M12-A Series 713 |
| Pole | 4 | Article number | 99 0429 314 04 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | |
|--------------|---------------|--|--|---|---|---|------|------|---|------|------|---|-------|------|---|------|-------|
| | | <table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>0,00</td> <td>2,50</td> </tr> <tr> <td>3</td> <td>-2,50</td> <td>0,00</td> </tr> <tr> <td>4</td> <td>0,00</td> <td>-2,50</td> </tr> </tbody> </table> | | X | Y | 1 | 2,50 | 0,00 | 2 | 0,00 | 2,50 | 3 | -2,50 | 0,00 | 4 | 0,00 | -2,50 |
| | X | Y | | | | | | | | | | | | | | | |
| 1 | 2,50 | 0,00 | | | | | | | | | | | | | | | |
| 2 | 0,00 | 2,50 | | | | | | | | | | | | | | | |
| 3 | -2,50 | 0,00 | | | | | | | | | | | | | | | |
| 4 | 0,00 | -2,50 | | | | | | | | | | | | | | | |

You can find the item description and assembly instruction on the next page.

Technical data

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Cable plug connector |
| Connector locking system | screw |
| Termination | Screwing |
| Wire gauge (mm) | 0.75 mm ² |
| Wire gauge (AWG) | 18 |
| Cable outlet | 2.5 – 3.5 mm |
| Upper temperature | 85 °C |
| Lower temperature | -40 °C |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 4 A |
| Volume resistivity | ≤ 3 mΩ (Gold) |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 100 mating cycles |

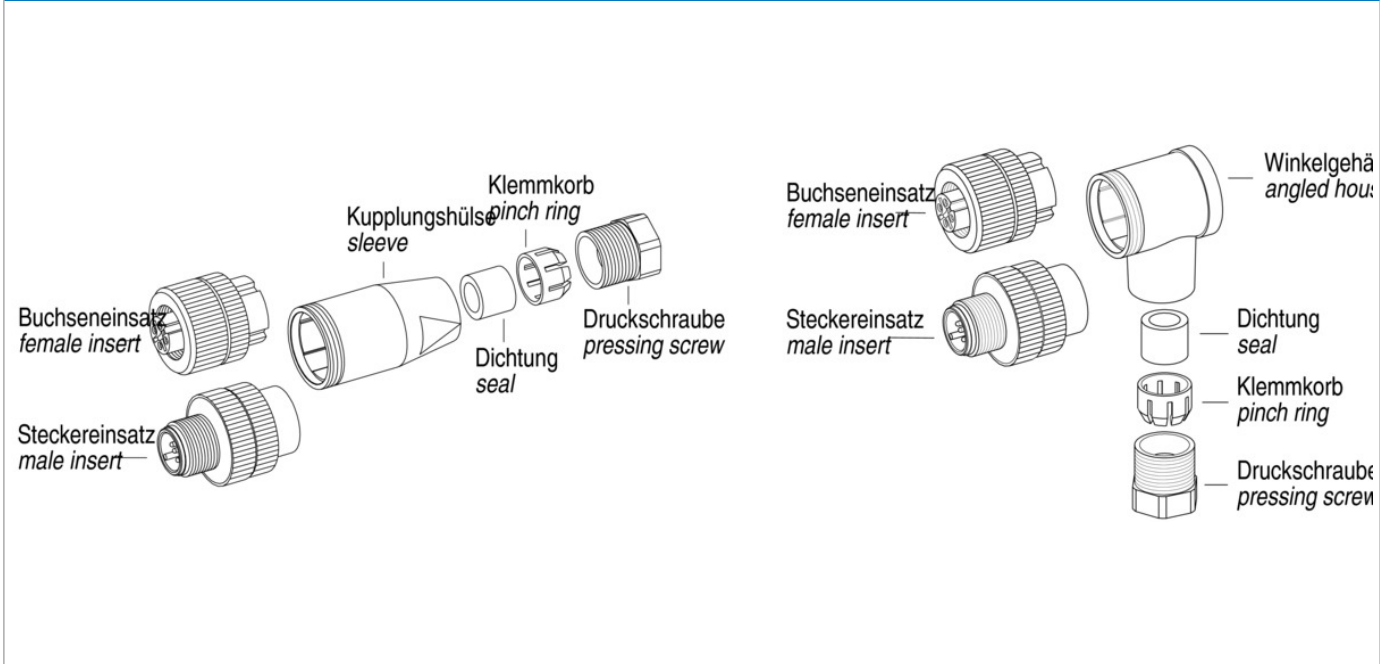
Material

| | |
|--------------------------|------------------|
| Material of contact | CuZn (Brass) |
| Contact plating | CuSnZn (Optaloy) |
| Material of contact body | PA |
| Material of housing | PA |

Contacts: 4, Cable outlet: 2.5 - 3.5 mm, cable plug connector, metal lock, screw terminal connection

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Item description



Installation instructions / Mounting cutout

| | Schraubklemmversion screw connection | Lötversion solder version | Käfigzugfederversion wire clamp connection |
|--------------------------|---|------------------------------|---|
| Maß A/mm measure A/mm | 5 | 3,5 | 7 |