

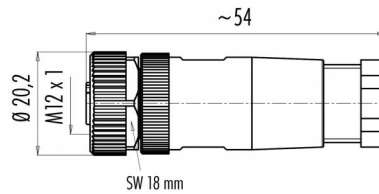
Product Area Female cable connector with wire clamp connection  
M12 connectors A-Coding serie 713

Pole 4  
Article number 99 0524 12 04

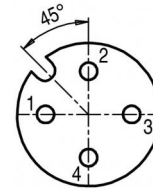
illustration



scale drawing



Contact Arrangement



|   | 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         | Female cable connector |
| Connector locking system | Screw                  |
| Termination              | wire clamp             |
| Wire gauge (mm)          | 0,50 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 20                     |
| Cable outlet             | 6 - 8 mm               |
| Upper temperature        | +85 °C                 |
| Lower temperature        | -40 °C                 |

Material

|                          |                                    |
|--------------------------|------------------------------------|
| Material of contact      | CuSn (bronze)                      |
| Contact plating          | Au (gold)                          |
| Material of contact body | PA                                 |
| Material of housing      | zinc diecasting, nickel plated, PA |

Cable data

Contacts 4: cable outlet: 6-8 mm, Female cable connector with wire clamp connection

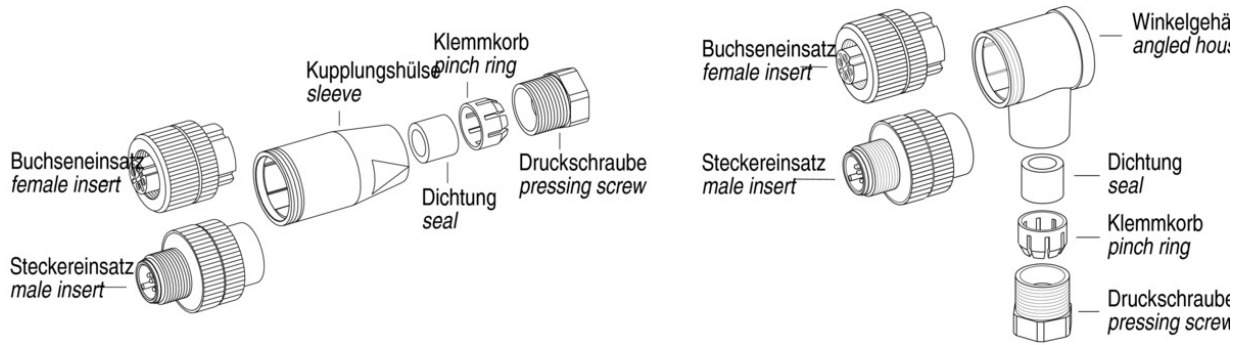
Electrical values

|                       |                    |
|-----------------------|--------------------|
| 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             |
| Degree of protection  | IP 67              |
| Mechanical operation  | >100 mating cycles |

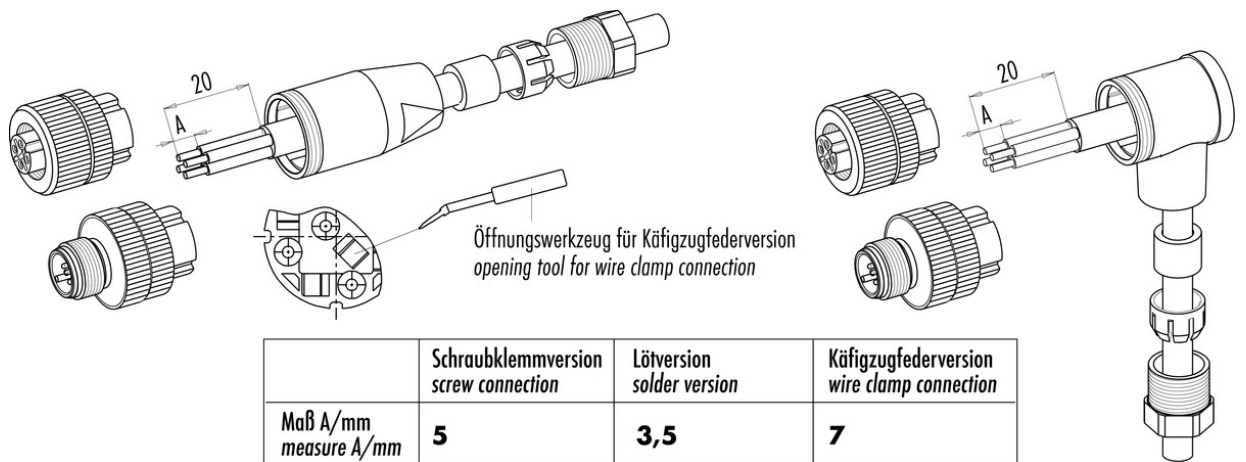


|              |  |                |               |
|--------------|--|----------------|---------------|
| Product Area | Female cable connector with wire clamp connection<br>M12 connectors A-Coding serie 713 | Pole           | 4             |
|              |  | Article number | 99 0524 12 04 |

Item description



Installation instructions / Mounting cutout



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