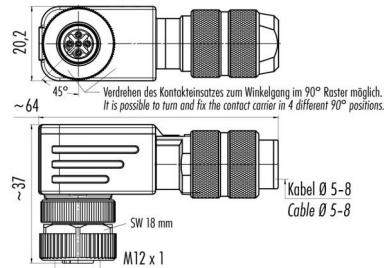


|         |  |                |                |
|---------|--|----------------|----------------|
| Product | Female angled connector, shieldable, screw termination, iris type spring with Diecasted Zinc Thread Ring | Pole           | 5              |
| Area    | M12 connectors B-Coding serie 715  | Article number | 99 1438 820 05 |

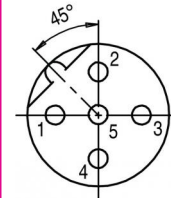
illustration



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 |
| 5 | 0,00  | 0,00  |

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

Technical data

Common values

|                          |                               |
|--------------------------|-------------------------------|
| Connector Design         | Female angled cable connector |
| Connector locking system | Screw                         |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup>          |
| Wire gauge (AWG)         | 18                            |
| Cable outlet             | 6 - 8 mm                      |
| Upper temperature        | +85 °C                        |
| Lower temperature        | -40 °C                        |

Material

|                          |                                       |
|--------------------------|---------------------------------------|
| Material of contact      | CuZn (brass)                          |
| Contact plating          | Au (gold)                             |
| Material of contact body | PA                                    |
| Material of housing      | PA/zinc diecasting, nickel plated, PA |

Cable data

|                              |   |
|------------------------------|---|
| material housing             | - |
| insulation single lead       | - |
| single lead structure        | - |
| conductor resistance         | - |
| bending radius cable fixed   | - |
| bending radius cable movable | - |

Electrical values

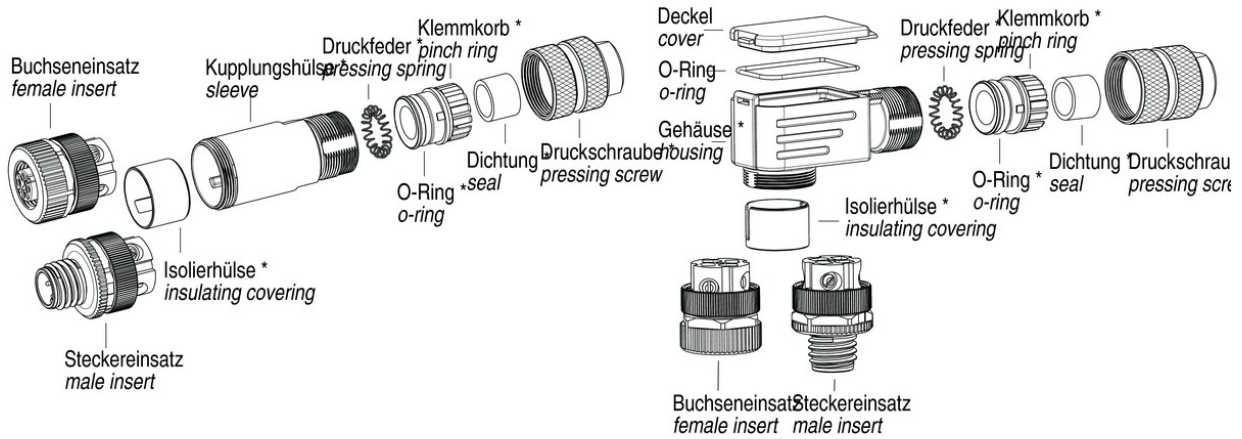
|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 125 V              |
| Rated impulse voltage | 1500 V             |
| Pollution degree      | 3                  |
| Overvoltage category  | II                 |
| Material group        | II                 |
| Rated current (40 °C) | 4 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| Degree of protection  | IP 67              |
| Mechanical operation  | >100 mating cycles |

Cabel outlet: 5 - 8 mm, contacts: 5, female angled connector, shieldable, srew connection, iris type spring



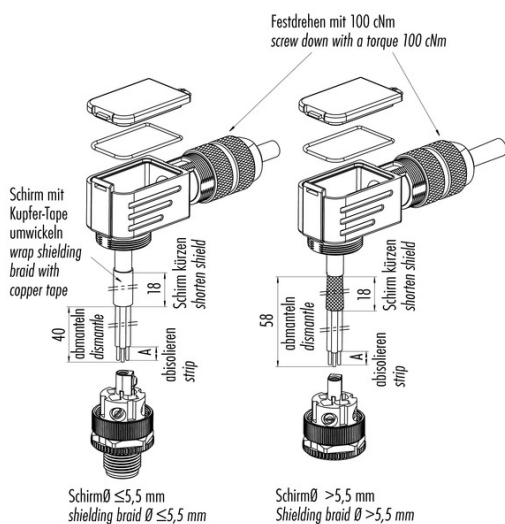
|         |  |           |                               |
|---------|--|-----------|-------------------------------|
| Product | Female angled connector, shieldable, screw termination, iris type spring with Diecasted Zinc Thread Ring | Pole      | 5                             |
| Area    | M12 connectors B-Coding  | serie 715 | Article number 99 1438 820 05 |

Item description



\* Teile vormontiert  
Premounted parts

Installation instructions / Mounting cutout



Shield-diameter  $\leq 5,5\text{ mm}$

1. Gehäuse auf Kabel aufädeln.
2. Abmanteln, abisolieren, Schirm kürzen, Schirm auf Kabelmantel umschlagen und mit Kupfer-Tape umwickeln.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

Shield-diameter  $\leq 5,5\text{ mm}$

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid, revert to cable jacket and wrap it with copper tape.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

Shield-diameter  $> 5,5\text{ mm}$

1. Gehäuse auf Kabel aufädeln.
2. Abmanteln, abisolieren, Schirm kürzen.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

Shield-diameter  $> 5,5\text{ mm}$

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

|                          | Schraubklemmversion<br>screw connection | Käfigzugfeder-<br>wire clamp connection |
|--------------------------|---|---|
| Maß A/mm<br>measure A/mm | 5                                       | 7                                       |

