

## Datasheet

Art.No. 83.403.0611.9

Round cable connection RVDP SW12 BW12 06

M12 connecting cable RVDP SW12 BW12 06; B-coded; plug angled on bush angle; shielded; for PROFIBUS-DP; cable length 600mm



|            |               |
|------------|---------------|
| Art.No.    | 83.403.0611.9 |
| EAN        | 4015573845664 |
| Order unit | 10 pieces     |

## Approvals

### Technical data

#### General

|                       |                    |
|-----------------------|--------------------|
| LED status indication | No                 |
| Colour outer sheath   | Purple             |
| Material outer sheath | PUR (Polyurethane) |
| Contact material      | CuZn               |

#### Technical data

|                 |   |
|-----------------|---|
| Nominal current | 4 |
|-----------------|---|

#### Other

|              |            |
|--------------|------------|
| Halogen free | Yes        |
| Cable type   | Multi-core |

#### Dimensions

|              |       |
|--------------|-------|
| Cable length | 0.6 m |
|--------------|-------|

Drawings

| <p><b>MECHANISCHE DATEN Mechanical Data</b></p> <p>- GEHÄUSE: Winkelstecker M12 - Buchse M12 schwarz housing: right-angle plug M12 - female M12 black</p> <p>- SCHUTZGRAD: IP67 protection: IP67</p> <p>- UMG. TEMP.-BER.: -25...+90°C ambient temp.: -25...+90°C</p> <p><b>WERKSTOFFE material</b></p> <p>- Kontaktträger: PUR, violett insert: PUR, violet</p> <p>- Kontakt: Cu/Zn / 2µm Ni, 0,8µm Au contact: Cu/Zn / 2µm Ni, 0,8µm Au</p> <p>- Griffkörper: PUR, schwarz molded body: PUR, black</p> <p>- Rändelschraube: Cu/Zn / 2µm Ni knurled screw: Cu/Zn / 2µm Ni</p> <p>- Leitungstyp: PUR-isolierte Schlauchleitung cable type: PUR insulated and coated conductor</p> <p>- Leitungsfarbe: signalviolett colour of cable: signal violet</p> | <p><b>ELEKTRISCHE DATEN Electrical data</b></p> <p>- BEMESSUNGSSPANNUNG: 250 V AC/DC rated voltage: 250 V AC/DC</p> <p>- BEMESSUNGSSTROM: 4 A rated current: 4 A</p> <p>- PRÜFSPANNUNG: 2 kV<sub>eff</sub>/60 s test voltage: 2 kV<sub>eff</sub>/60 s</p> | <p>Frei von lackbenetzungsfördernden Substanzen<br/>freely of lacquer-wetting-promoting substances</p> | <p>Farbcode Euro-Norm<br/>colour code Euro-Norm</p> <p>Winkelstecker<br/>angular connector</p> <p>1 = ---<br/>2 = grün/green<br/>3 = ---<br/>4 = rot/red<br/>5 = ---</p> |                     | <table border="1"> <thead> <tr> <th>Teil-Nr.<br/>part-no.</th> <th>Länge L<br/>length L</th> <th>Wieland-Typ<br/>Wieland-type</th> <th>Teil-Nr.<br/>part-no.</th> <th>Länge L<br/>length L</th> <th>Wieland-Typ<br/>Wieland-type</th> </tr> </thead> <tbody> <tr> <td>83.403.0611.9</td> <td>600</td> <td>RVDP SM12 BM12 06</td> <td>83.403.7011.9</td> <td>7000</td> <td>RVDP SM12 BM12 70</td> </tr> <tr> <td>83.403.1011.9</td> <td>1000</td> <td>RVDP SM12 BM12 10</td> <td>83.403.9911.9</td> <td>10000</td> <td>RVDP SM12 BM12 100</td> </tr> <tr> <td>83.403.1511.9</td> <td>1500</td> <td>RVDP SM12 BM12 15</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83.403.2011.9</td> <td>2000</td> <td>RVDP SM12 BM12 20</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83.403.3011.9</td> <td>3000</td> <td>RVDP SM12 BM12 30</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83.403.4011.9</td> <td>4000</td> <td>RVDP SM12 BM12 40</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83.403.5011.9</td> <td>5000</td> <td>RVDP SM12 BM12 50</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83.403.6011.9</td> <td>6000</td> <td>RVDP SM12 BM12 60</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Teil-Nr.<br>part-no. | Länge L<br>length L | Wieland-Typ<br>Wieland-type | Teil-Nr.<br>part-no. | Länge L<br>length L | Wieland-Typ<br>Wieland-type | 83.403.0611.9 | 600 | RVDP SM12 BM12 06 | 83.403.7011.9 | 7000 | RVDP SM12 BM12 70 | 83.403.1011.9 | 1000 | RVDP SM12 BM12 10 | 83.403.9911.9 | 10000 | RVDP SM12 BM12 100 | 83.403.1511.9 | 1500 | RVDP SM12 BM12 15 |  |  |  | 83.403.2011.9 | 2000 | RVDP SM12 BM12 20 |  |  |  | 83.403.3011.9 | 3000 | RVDP SM12 BM12 30 |  |  |  | 83.403.4011.9 | 4000 | RVDP SM12 BM12 40 |  |  |  | 83.403.5011.9 | 5000 | RVDP SM12 BM12 50 |  |  |  | 83.403.6011.9 | 6000 | RVDP SM12 BM12 60 |  |  |  | <p>weitere Daten siehe Katalog<br/>further data see catalog</p> <p>Wieland<br/>Technische Zeichnungen</p> <p>CONNECTION CABLE<br/>VERBINDUNGSLEITUNG</p> <p>M12 Buchse passiviert - M12 Winkelstecker<br/>M12 female unpolished - M12 right angle plug</p> |
|--|---|--|--|---------------------|---|----------------------|---------------------|-----------------------------|----------------------|---------------------|-----------------------------|---------------|-----|-------------------|---------------|------|-------------------|---------------|------|-------------------|---------------|-------|--------------------|---------------|------|-------------------|--|--|--|---------------|------|-------------------|--|--|--|---------------|------|-------------------|--|--|--|---------------|------|-------------------|--|--|--|---------------|------|-------------------|--|--|--|---------------|------|-------------------|--|--|--|--|
| Teil-Nr.<br>part-no.   | Länge L<br>length L   | Wieland-Typ<br>Wieland-type  | Teil-Nr.<br>part-no.   | Länge L<br>length L | Wieland-Typ<br>Wieland-type   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.0611.9  | 600   | RVDP SM12 BM12 06  | 83.403.7011.9  | 7000                | RVDP SM12 BM12 70   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.1011.9  | 1000  | RVDP SM12 BM12 10  | 83.403.9911.9  | 10000               | RVDP SM12 BM12 100  |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.1511.9  | 1500  | RVDP SM12 BM12 15  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.2011.9  | 2000  | RVDP SM12 BM12 20  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.3011.9  | 3000  | RVDP SM12 BM12 30  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.4011.9  | 4000  | RVDP SM12 BM12 40  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.5011.9  | 5000  | RVDP SM12 BM12 50  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |
| 83.403.6011.9  | 6000  | RVDP SM12 BM12 60  |  |                     |   |                      |                     |                             |                      |                     |                             |               |     |                   |               |      |                   |               |      |                   |               |       |                    |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |               |      |                   |  |  |  |  |