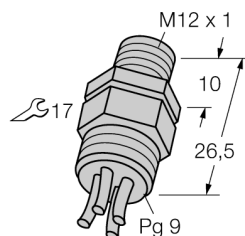
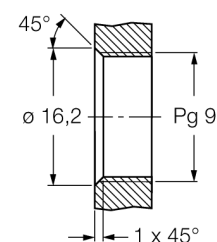
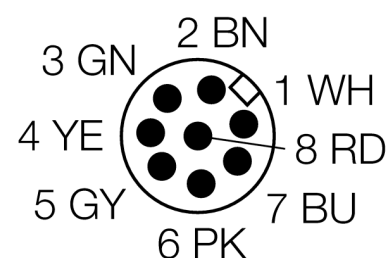


# M12 x 1 round connector male flange connector, with litz wire and rotatable contact body FSD8-0,5



- robust and pre-assembled round connector
- Degree of protection IP67
- with 0.5m litz wire
- also available with other litz wire lengths

## Wiring diagram



|                                 |                                                |
|---------------------------------|------------------------------------------------|
| <b>Type</b>                     | FSD8-0,5                                       |
| Ident-No.                       | 8025588                                        |
| <b>Connector A side</b>         | Male flange connector, M12 x 1, with litz wire |
| Number of poles                 | 8-pole                                         |
| Contacts                        | metal, CuZn, gold-plated                       |
| Contact carriers                | plastic, TPU, black                            |
| Screw-in thread seal            | plastic, NBR                                   |
| Flange housing                  | metal, CuZn, nickel-plated                     |
| Protection class                | IP67, only tightened with screws               |
| Pollution degree                | 3                                              |
| <b>Core insulation material</b> | PVC                                            |
| Core insulation colours         | WH, BN, GN, YE, GY, PK, BU, RD                 |
| Core cross-section              | 8 x 0.25 mm <sup>2</sup>                       |
| Litz wire arrangement           | 7 x 0.25 mm                                    |
| Litz wire length                | 0.5 m                                          |
| <b>Rated voltage</b>            | max. 30 V                                      |
| Insulation resistance           | ≥ 10 <sup>8</sup> Ω                            |
| Ampacity                        | 2 A                                            |
| Forward resistance              | ≤ 5 mΩ                                         |
| Ambient temperature Connector   | -30... +90°C                                   |