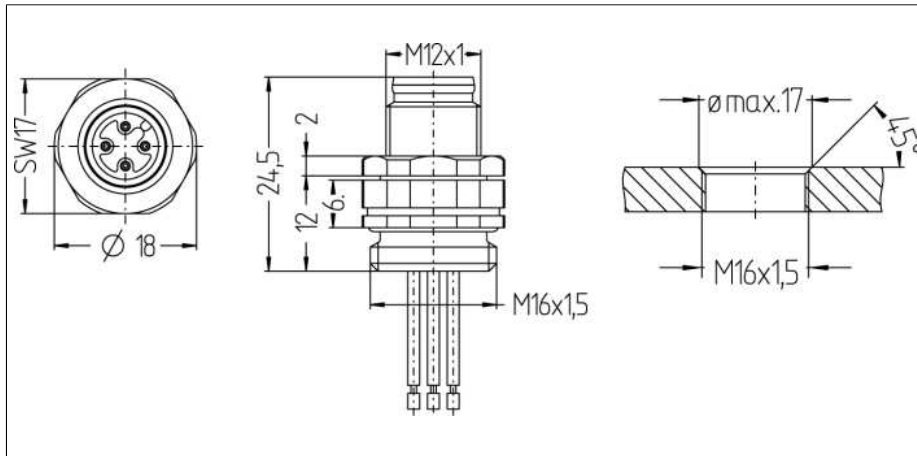


**Industrial flange connector  
with litz wires  
EC-FSD12-0,5/16**

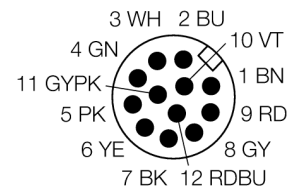
**TURCK**

Industrial  
Automation



- konfektionierter Rundsteckverbinder
- Schutzart IP67
- Vorderwandmontage
- Anschluss über Litzen
- auch mit Print- oder Lötkontakten lieferbar

**Wiring diagram**



|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| <b>Type code</b>              | EC-FSD12-0,5/16                                      |
| Ident no.                     | 8028077                                              |
| <b>Connector A side</b>       | male connector, M12 x 1, axial                       |
| Number of pins                | 12                                                   |
| Contacts                      | metal, CuZn, gold-plated                             |
| Contact carriers              | plastic, PA GF, black                                |
| Grip                          | metal, CuZn, nickel-plated                           |
| Mechanical lifespan           | > 100 mating cycles                                  |
| Pollution degree              | 3                                                    |
| <b>Core insulation</b>        | PVC                                                  |
| Core colors                   | BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GY/PK, RD/BU |
| Core cross-section            | 12x0.14mm <sup>2</sup>                               |
| Litz wire length              | 0.5 m                                                |
| <b>Rated voltage [Umax]</b>   | 30 V                                                 |
| Insulation resistance         | ≥ 10 <sup>9</sup> Ω                                  |
| Ampacity                      | Max. 1.5 A                                           |
| Ambient temperature Connector | -30... +90°C                                         |