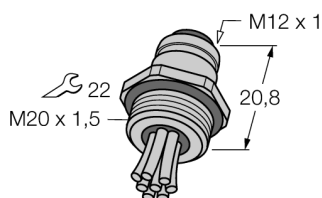
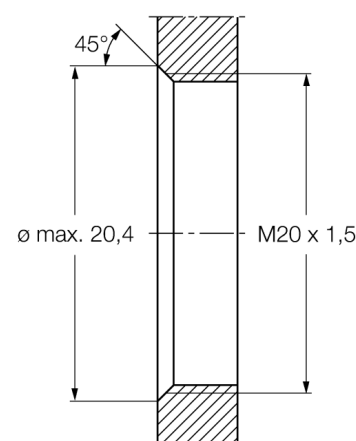
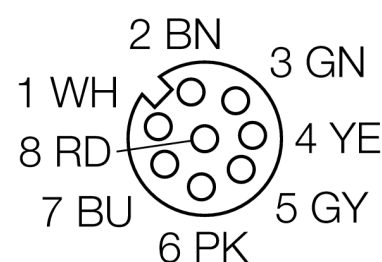


# M12 x 1 round connector female flange connector, with litz wire EC-FK8-0,5/20



- robust and pre-assembled round connector
- Degree of protection IP67
- M12 push-pull compatible
- with 0.5m litz wire
- also available with other litz wire lengths

## Wiring diagram



|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| <b>Type</b>                     | EC-FK8-0,5/20                                    |
| Ident-No.                       | 8028112                                          |
| <b>Connector A side</b>         | female flange connector, M12 x 1, with litz wire |
| Number of poles                 | 8-pole                                           |
| Contacts                        | metal, CuZn, gold-plated                         |
| Contact carriers                | plastic, TPU, black                              |
| Seal                            | plastic, FPM/FKM                                 |
| Screw-in thread seal            | plastic, NBR                                     |
| Flange housing                  | metal, CuZn, nickel-plated                       |
| Protection class                | IP67, only tightened with screws                 |
| Screw-in thread                 | M20 x 1,5                                        |
| 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>6</sup> Ω                              |
| Ampacity                        | 2 A                                              |
| Forward resistance              | ≤ 5 mΩ                                           |
| Ambient temperature Connector   | -30... +90°C                                     |