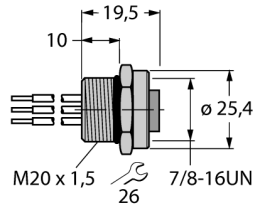
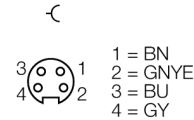


**Accessories for fieldbus systems**  
**Flange connector**  
**RKFV48-0,3M/M20/C1117**

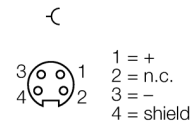


- 7/8" female
- M20 x 1.5 screw-in thread
- Stainless steel flange housing
- 4-pole, strand 0.3 m
- For use in PROFIBUS-PA applications

**Pin assignment**



**PROFIBUS-PA connection**



|  |   |
|--|---|
| <b>Type code</b>                       | RKFV48-0,3M/M20/C1117                       |
| Ident no.                              | 6603610                                     |
| <b>Connector A side</b>                | Flange connector, female, 7/8", with strand |
| Number of pins                         | 4   |
| Contacts                               | metal, CuZn, gold-plated                    |
| Contact carriers                       | plastic, PUR, black                         |
| Screw-in thread seal                   | NBR   |
| Flange housing                         | stainless steel, 1.4401 (316)               |
| Protection class                       | IP67, (screwed together)                    |
| Screw-in thread                        | M20x1,5                                     |
| Mechanical lifespan                    | > 100 mating cycles                         |
| Pollution degree                       | 3   |
| <b>Litz wire length</b>                | 0.3m  |
| Core insulation                        | PVC   |
| Core colors                            | BU, BN, GY, GNYE                            |
| Core cross-section                     | 4x0.8mm <sup>2</sup>                        |
| <b>Rated voltage [U<sub>max</sub>]</b> | 600 V                                       |
| Insulation resistance                  | ≥ 10 <sup>8</sup> Ω                         |
| Ampacity                               | 9 A   |
| Forward resistance                     | ≤ 5 mΩ                                      |
| Ambient temperature Connector          | -40... +105°C                               |