

# EC-FSDE3-0.5/20

## Male Receptacle with Stranded Wires, Front-mounted

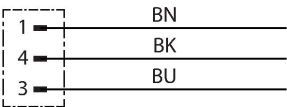
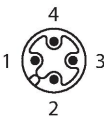
Features

- CE

UK  
CA

RoHS  
compliant
- M12 × 1 male receptacle
  - Protection class IP67
  - Stainless steel receptacle housing
  - Front panel mounting
  - Connected via stranded wires
  - 3-pin
  - Stranded wire length: 0.5 m

Contact assignment



Technical data

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Type                               | EC-FSDE3-0.5/20                     |
| ID                                 | 6935748                             |
| Connector A                        | Male, M12 × 1, Straight, A-coded    |
| Number of pins                     | 3                                   |
| Contacts                           | Brass, CuZn, Gold-plated            |
| Contact carriers                   | Plastic, PA GF, Black               |
| Flange housing                     | Stainless Steel, 1.4404 (AISI 316L) |
| Mounting type                      | front panel mounting                |
| Screw-in thread seal               | Plastic, NBR                        |
| Screw-in thread                    | M20 × 1.5                           |
| Connection mode                    | Wire connection                     |
| Mechanical lifespan                | > 100 Mating cycles                 |
| Pollution degree                   | 3                                   |
| Protection class                   | IP67, (screwed together)            |
| Cable length                       | 0.5 m                               |
| Core insulation                    | PVC                                 |
| Core cross-section                 | 3 x 0.34 mm <sup>2</sup>            |
| Core colors                        | BN, BU, BK                          |
| Electrical properties at +20 °C    |                                     |
| Rated voltage                      | 250 V                               |
| Current                            | 4 A                                 |
| Insulation resistance              | ≥ 10 <sup>8</sup> Ω                 |
| forward resistance                 | ≤ 5 mΩ                              |
| Mechanical and chemical properties |                                     |
| Ambient temperature (fixed)        | -30...+90 °C                        |
| Approvals                          | CE                                  |

Front panel mounting

