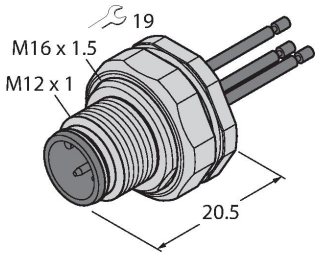


# EC-FSFD12-0.5/16

## Male Receptacle with Stranded Wires, Rear-mounted



### Technical data

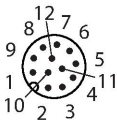
|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Type                               | EC-FSFD12-0.5/16                                     |
| ID                                 | 6934572                                              |
| Connector A                        | Male, M12 × 1, Straight, A-coded                     |
| Number of pins                     | 12                                                   |
| Contacts                           | Brass, CuZn, Gold-plated                             |
| Contact carriers                   | Plastic, PA GF, Black                                |
| Flange housing                     | Brass, CuZn, Nickel-plated                           |
| Mounting type                      | backplane mounting                                   |
| Screw-in thread seal               | Plastic, NBR                                         |
| Screw-in thread                    | M16 × 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                 | 12 x 0.14 mm²                                        |
| Core colors                        | BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GY/PK, RD/BU |
| Electrical properties at +20 °C    |                                                      |
| Rated voltage                      | 30 V                                                 |
| Current                            | 1.5 A                                                |
| Insulation resistance              | ≥ 10 <sup>8</sup> Ω                                  |
| forward resistance                 | ≤ 5 mΩ                                               |
| Mechanical and chemical properties |                                                      |
| Ambient temperature (fixed)        | -30...+90 °C                                         |

### Features



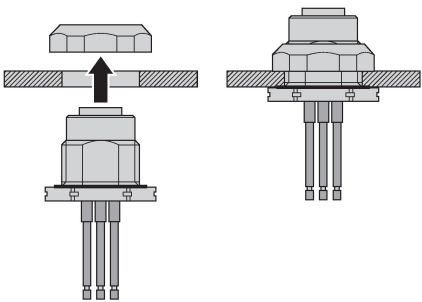
- M12 × 1 male receptacle
- Protection class IP67
- Rear-mounted
- Connected via stranded wires
- 12-pin
- Stranded wire length: 0.5 m

### Contact assignment



|    |       |
|----|-------|
| 1  | BN    |
| 2  | BU    |
| 3  | WH    |
| 4  | GN    |
| 5  | PK    |
| 6  | YE    |
| 7  | BK    |
| 8  | GY    |
| 9  | RD    |
| 10 | VT    |
| 11 | GY/PK |
| 12 | RD/BU |

### Rear-mounted



## Technical data

Approvals

CE

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