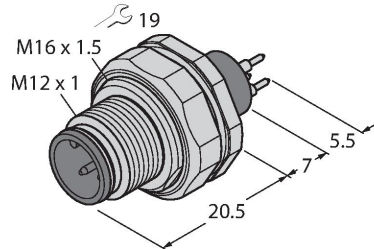


# EC-FSFDE12-P/16

## Male Receptacle with Print Contacts, Rear-mounted

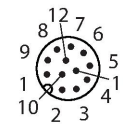


### Features



- M12 × 1 male receptacle
- Protection class IP67
- Stainless steel receptacle housing
- Rear-mounted
- Connected via print contacts

### Contact assignment



### Technical data

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Type                                      | EC-FSFDE12-P/16                     |
| ID                                        | 6934593                             |
| 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                            | Stainless Steel, 1.4404 (AISI 316L) |
| Mounting type                             | backplane mounting                  |
| Screw-in thread seal                      | Plastic, NBR                        |
| Screw-in thread                           | M16 × 1.5                           |
| Connection mode                           | Print contact                       |
| Mechanical lifespan                       | > 100 Mating cycles                 |
| Pollution degree                          | 3                                   |
| Protection class                          | IP67, (screwed together)            |
| <b>Electrical properties at +20 °C</b>    |                                     |
| Rated voltage                             | 30 V                                |
| Current                                   | 1.5 A                               |
| Insulation resistance                     | ≥ 10 <sup>8</sup> Ω                 |
| forward resistance                        | ≤ 5 mΩ                              |
| <b>Mechanical and chemical properties</b> |                                     |
| Ambient temperature (fixed)               | -30...+90 °C                        |
| Approvals                                 | CE                                  |

### Rear-mounted

