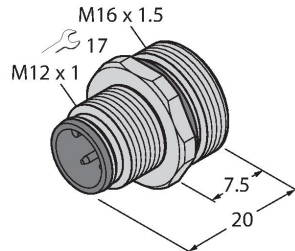


# EC-FS8-L/16

## Male Receptacle with Solder Contacts, Front-mounted

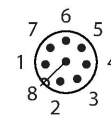


### Features



- M12 × 1 male receptacle
- Protection class IP67
- Front panel mounting
- Connected via solder contacts

### Contact assignment



### Technical data

|                                    |                                  |
|------------------------------------|----------------------------------|
| Type                               | EC-FS8-L/16                      |
| ID                                 | 6934641                          |
| Connector A                        | Male, M12 × 1, Straight, A-coded |
| Number of pins                     | 8                                |
| Contacts                           | Brass, CuZn, Gold-plated         |
| Contact carriers                   | Plastic, PA GF, Black            |
| Flange housing                     | Brass, CuZn, Nickel-plated       |
| Mounting type                      | front panel mounting             |
| Screw-in thread seal               | Plastic, NBR                     |
| Screw-in thread                    | M16 × 1.5                        |
| Connection mode                    | Solder contact                   |
| Mechanical lifespan                | > 100 Mating cycles              |
| Pollution degree                   | 3                                |
| Protection class                   | IP67, (screwed together)         |
| Electrical properties at +20 °C    |                                  |
| Rated voltage                      | 30 V                             |
| Current                            | 2 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

