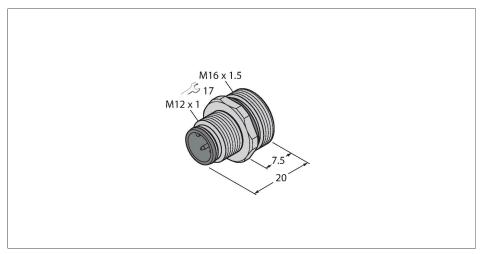


# EC-FSE12-L/16 Male Receptacle with Solder Contacts, Front-mounted



### Technical data

| ID 6934644  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 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 1.5 A  Insulation resistance > ≥ 10° O | Туре                               | EC-FSE12-L/16                       |
|---|------------------------------------|-------------------------------------|
| Number of pins  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  M16 × 1.5  Connection mode  Solder contact  Mechanical lifespan  Pollution degree  3  Protection class  IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage  30 V  Current  1.5 A  | ID                                 | 6934644                             |
| 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  M16 × 1.5  Connection mode  Solder contact  Mechanical lifespan  Pollution degree  3  Protection class  IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage  30 V  Current  1.5 A  | Connector A                        | Male, M12 × 1, Straight, A-coded    |
| 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 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 1.5 A   | Number of pins                     | 12                                  |
| Flange housing  Stainless Steel, 1.4404 (AISI 316L)  Mounting type  front panel mounting  Screw-in thread seal  Plastic, NBR  Screw-in thread  M16 × 1.5  Connection mode  Solder contact  Mechanical lifespan  Pollution degree  3  Protection class  IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage  30 V  Current  1.5 A   | Contacts                           | Brass, CuZn, Gold-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 1.5 A  | Contact carriers                   | Plastic, PA GF, Black               |
| Screw-in thread seal  Screw-in thread  M16 × 1.5  Connection mode  Solder contact  Mechanical lifespan  Pollution degree  3  Protection class  IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage  30 V  Current  1.5 A   | Flange housing                     | Stainless Steel, 1.4404 (AISI 316L) |
| 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 1.5 A   | Mounting type                      | front panel mounting                |
| 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  1.5 A  | Screw-in thread seal               | Plastic, NBR                        |
| Mechanical lifespan       > 100 Mating cycles         Pollution degree       3         Protection class       IP67, (screwed together)         Electrical properties at +20 °C         Rated voltage       30 V         Current       1.5 A   | Screw-in thread                    | M16 × 1.5                           |
| Pollution degree 3  Protection class IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage 30 V  Current 1.5 A   | Connection mode                    | Solder contact                      |
| Protection class IP67, (screwed together)  Electrical properties at +20 °C  Rated voltage 30 V  Current 1.5 A   | Mechanical lifespan                | > 100 Mating cycles                 |
| Electrical properties at +20 °C  Rated voltage 30 V  Current 1.5 A  | Pollution degree                   | 3                                   |
| Rated voltage 30 V  Current 1.5 A   | Protection class                   | IP67, (screwed together)            |
| Current 1.5 A   | Electrical properties at +20 °C    |                                     |
|   | Rated voltage                      | 30 V                                |
| Insulation resistance ≥ ≥ 10 <sup>8</sup> O   | Current                            | 1.5 A                               |
|   | Insulation resistance              | ≥ ≥ 10 <sup>8</sup> Ω               |
| forward resistance $\leq 5 \text{ m}\Omega$   | forward resistance                 | ≤ 5 mΩ                              |
| Mechanical and chemical properties  | Mechanical and chemical properties |                                     |
| Ambient temperature (fixed) -30+90 °C   | Ambient temperature (fixed)        | -30+90 °C                           |
| Approvals CE  | Approvals                          | CE                                  |

#### Features



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

## Contact assignment



# Front panel mounting

