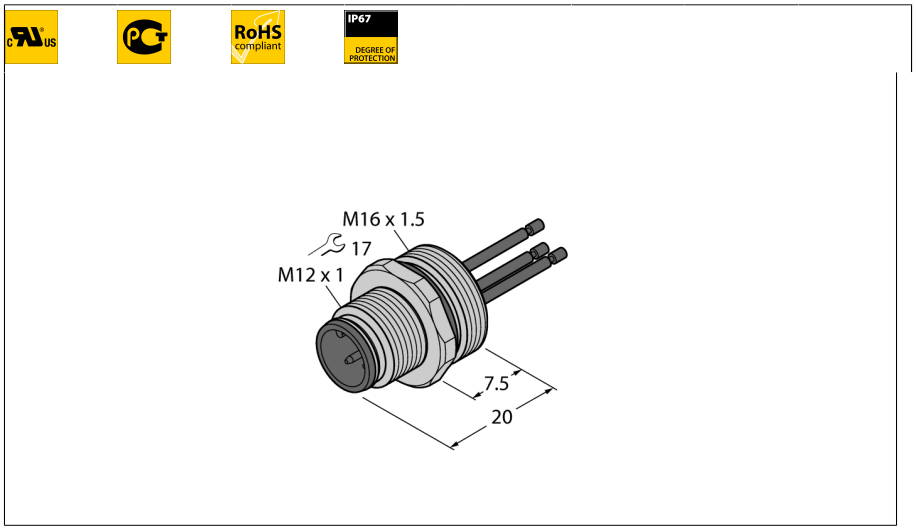
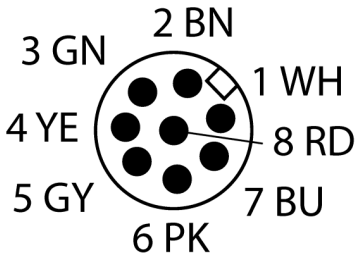
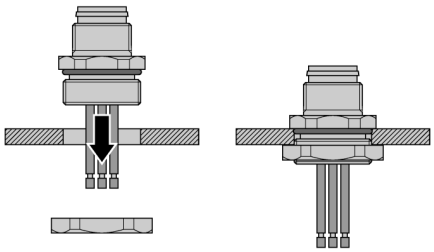
# Accessories for actuator/sensor cables
# male flange with strands, front-mounted
# EC-FSE8-0,5/16




- **M12 1 male receptacle**
- **Protection class IP67**
- **Stainless steel receptacle housing**
- **Front panel mounting**
- **Connected via stranded wires**

**Pin Assignment**



| | |
|---|---|
| **Type designation** | EC-FSE8-0,5/16 |
| Ident no. | 6934619 |
| **Connector A side** | Male receptacle, M12 1, Straight |
| Number of pins | 8 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, PA GF, Black |
| Flange housing | Stainless steel, 1.4404 (AISI 316L) |
| Screw-in thread seal | plastic, NBR |
| Screw-in thread | M16x1.5 |
| 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 colors | WH, GN, YE, GY, BN, PK, BU, RD |
| Core cross-section | 8x0.25mm$^2$ |
| **Electrical features at +20 °C** | |
| Rated voltage | 30 V |
| Current | 2 A |
| Insulation resistance | ≥ $10^8$ Ω |
| Forward resistance | ≤ 5 mΩ |
| **Mechanical and chemical properties** | |
| Ambient temperature | |
| Stationary | -30…+90°C |

Edition • 2017-02-27T05:00:56+01:00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