

# EC-FKE4.5-0.5/16

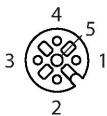
## Female Flange with Stranded Wires, Front-mounted

### Features



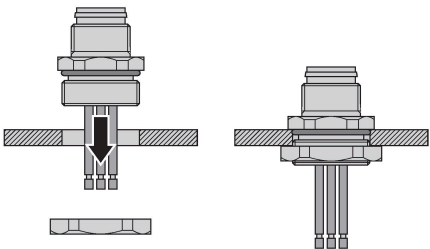
- M12 × 1 female receptacle
- Protection class IP67
- Stainless steel receptacle housing
- Front panel mounting
- Connected via stranded wires
- 5-pin
- Stranded wire length: 0.5 m

### Contact assignment



|    |    |
|----|----|
| 1) | BN |
| 2) | WH |
| 4) | BK |
| 3) | BU |
| 5) | GY |

### Front panel mounting



### Technical data

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Type                               | EC-FKE4.5-0.5/16                    |
| ID                                 | 6934601                             |
| Connector A                        | Female, M12 × 1, Straight, A-coded  |
| Number of pins                     | 5                                   |
| Contacts                           | Brass, CuZn, Gold-plated            |
| Contact carriers                   | Plastic, TPU, Black                 |
| Seal                               | Plastic, FPM/FKM                    |
| 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                    | 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                 | 5 x 0.34 mm²                        |
| Core colors                        | BN, WH, BU, BK, GY                  |
| Electrical properties at +20 °C    |                                     |
| Rated voltage                      | 60 V                                |
| Current                            | 4 A                                 |
| Insulation resistance              | ≥ 10 <sup>8</sup> Ω                 |
| forward resistance                 | ≤ 5 mΩ                              |
| Mechanical and chemical properties |                                     |
| Ambient temperature (fixed)        | -30...+90 °C                        |

## Technical data

Approvals

CE

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