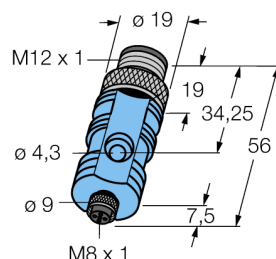


## 2 port junction systems

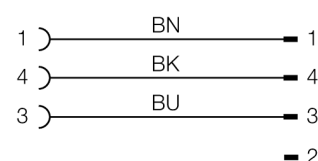
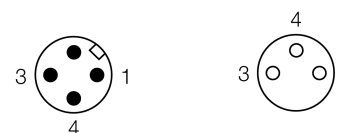
### adapter from male M12 x 1 to female M8 x 1 connector

#### FSM3-SKP3



- robust, plastic-moulded adapter
- Degree of protection IP67
- contour adapted to fixing clamp mounting in the field

#### Wiring diagram



|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Type code</b>             | FSM3-SKP3                         |
| Ident no.                    | 8008079                           |
| <b>Junction box</b>          | Adapter                           |
| Number of pins               | 3                                 |
| Connector B side             | male connector, M12 x 1, straight |
| Number of pins               | 3                                 |
| Grip                         | plastic, TPU, blue                |
| Contact carriers             | plastic, TPU, black               |
| Contacts                     | metal, CuZn, gold-plated          |
| Coupling nut/screw           | metal, CuZn, nickel-plated        |
| Protection class             | IP67, (screwed together)          |
| Mechanical lifespan          | > 100 mating cycles               |
| Pollution degree             | 3                                 |
| <b>Connector</b>             | female connector, M8x1, straight  |
| Polarity                     | 3-pole                            |
| Grip                         | plastic, TPU, blue                |
| Contact carriers             | plastic, TPU, black               |
| Contacts                     | metal, CuZn, gold-plated          |
| Coupling nut/screw           | metal, CuZn, nickel-plated        |
| Seal                         | plastic, FKM/FPM                  |
| Protection class             | IP67, only in screwed state       |
| Mechanical lifespan          | > 100 contact durability          |
| Pollution degree             | 3                                 |
| <b>Rated voltage [Umax]</b>  | 60 V                              |
| Ampacity                     | 4 A                               |
| Forward resistance           | ≤ 5 mΩ                            |
| Insulation resistance        | ≥ 10 <sup>9</sup> Ω               |
| Ambient temperature junction | -30 ...+90°C                      |