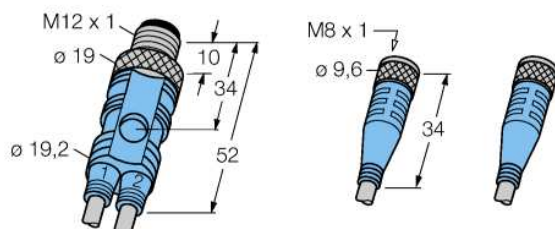


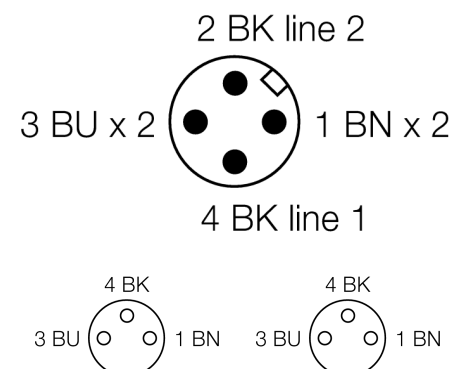
## 2 port junction systems

### Y junction male 12 x 1 connector - 2 female M8 x 1 connectors

**FSM4-2SKP3-0,6/0,6/P00**


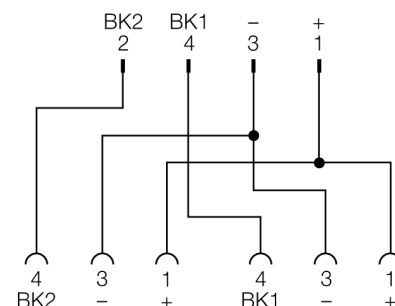
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PVC cable

#### Wiring diagram



#### Cable quality P00

This pure PVC cable with PVC cable jacket and conductor insulation is resistant to average mechanical strain and suited for use in tooling and packaging machinery as well as assembly and production lines.



|                     |                                       |
|---------------------|---------------------------------------|
| <b>Type code</b>    | FSM4-2SKP3-0,6/0,6/P00                |
| Ident no.           | 8008057                               |
| <b>Junction box</b> | Y-piece, with cable, screwable        |
| Number of pins      | 4/3                                   |
| Grip                | plastic, TPU                          |
| Connector B side    | male connector, 1x, 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, 2x, 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>Cable</b>            | P00, LiYY, 4.4        |
| Cable length            | 0.6/ 0.6m             |
| Cable sheath            | PVC, GY               |
| Core insulation         | PVC                   |
| Core colors             | BN, BU, BK            |
| Core cross-section      | 4x0.25mm <sup>2</sup> |
| Litz wire arrangement   | 32x0.1 mm             |
| Bending radius (mobile) | min. 10 x Ø cable     |

|                              |                     |
|------------------------------|---------------------|
| <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       |
| Cable ambient temperature    | -40... +80°C        |