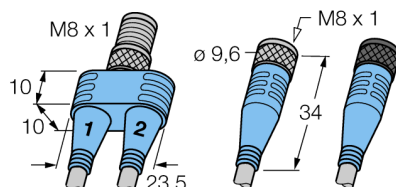


## 2 port junction systems

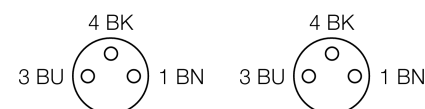
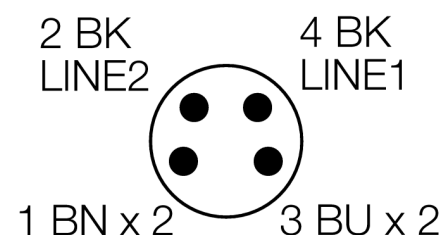
Y junction, M8 x 1, male connector - 2 female M8 x 1 connectors, with cable

MB-SSP4-2SKP3-0,6/0,6/S90



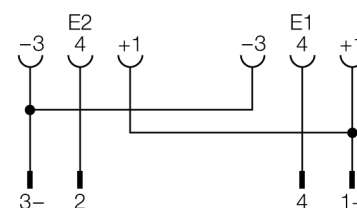
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PUR cable

### Wiring diagram



### Cable quality S90

All-round cable with PUR cable jacket and PVC conductor insulation suited for use in tooling machinery, assembly and production lines and machining applications. The cable features good resistance against oils and chemicals and is highly abrasion-resistant.



|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| <b>Type code</b>             | MB-SSP4-2SKP3-0,6/0,6/S90                             |
| <b>Ident no.</b>             | 8027869                                               |
| <b>Junction box</b>          | Y-piece, with cable, screwable                        |
| Number of pins               | 4/3                                                   |
| Grip                         | plastic, TPU, blue                                    |
| Connector B side             | male connector, 1x, M8x1, 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, channel 1: PTFE/Channel 2: nickel-plated |
| Seal                         | plastic, FKM/FPM                                      |
| Protection class             | IP67, only in screwed state                           |
| Mechanical lifespan          | > 100 contact durability                              |
| Pollution degree             | 3                                                     |
| <b>Cable</b>                 | S90, LifYY11Y, 4.4                                    |
| Cable length                 | 0.6/ 0.6m                                             |
| Cable sheath                 | PUR/PVC, GY                                           |
| Core insulation              | PVC                                                   |
| Core colors                  | BN, BU, BK                                            |
| Core cross-section           | 3x0.25mm <sup>2</sup>                                 |
| Litz wire arrangement        | 32x0.1 mm                                             |
| Bending radius (mobile)      | min. 10 x Ø cable                                     |
| <b>Rated voltage [Umax]</b>  | 30 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                                         |