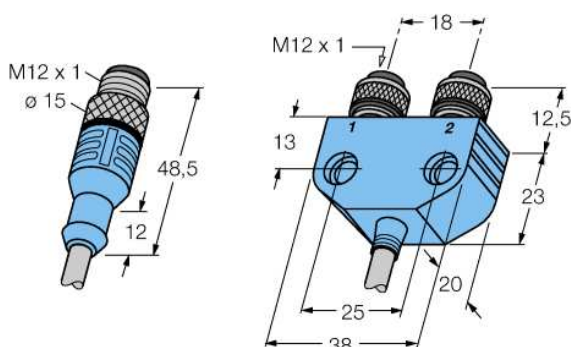


## 2 port junction systems

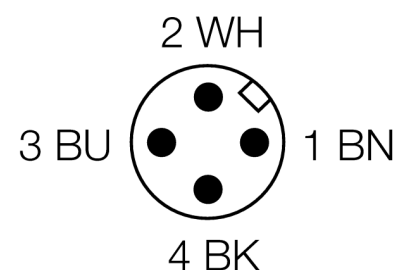
### block junction male 12 x 1 connector - 2 female M12 x 1 connectors

#### WAS4-0,3-2FKM3/S89/XOR



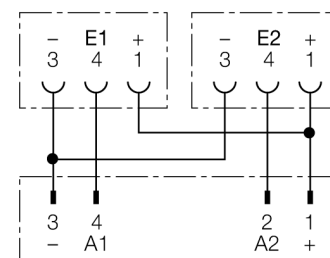
- robust, plastic-moulded block junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- mounting drill holes for optimum mounting in the field
- irradiated PVC
- high short-term temperature resistance (+250 °C)

#### Wiring diagram



#### Cable quality XOR

Due to its irradiated cable jacket, this pure PVC cable features increased thermostability at higher temperatures, improved mechanical rigidity, resistance to chemicals and abrasion compared to a standard PVC cable.



|                              |                                         |
|------------------------------|-----------------------------------------|
| <b>Type code</b>             | WAS4-0,3-2FKM3/S89/XOR                  |
| <b>Ident no.</b>             | 8012665                                 |
| <b>Junction box</b>          | Block junction, with cable, straight    |
| Number of pins               | 4/3                                     |
| 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, M12 x 1, 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>                 | XOR, LifXX, 5.2                         |
| Cable length                 | 0.3m                                    |
| Cable sheath                 | PVC, OG                                 |
| Core insulation              | PVC                                     |
| Core colors                  | BN, BU, BK                              |
| Core cross-section           | 4x0.34mm <sup>2</sup>                   |
| Litz wire arrangement        | 43x0.1 mm                               |
| Bending radius (mobile)      | min. 10 x Ø cable                       |
| <b>Rated voltage [Umax]</b>  | 250 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<br>+250 °C short-term    |