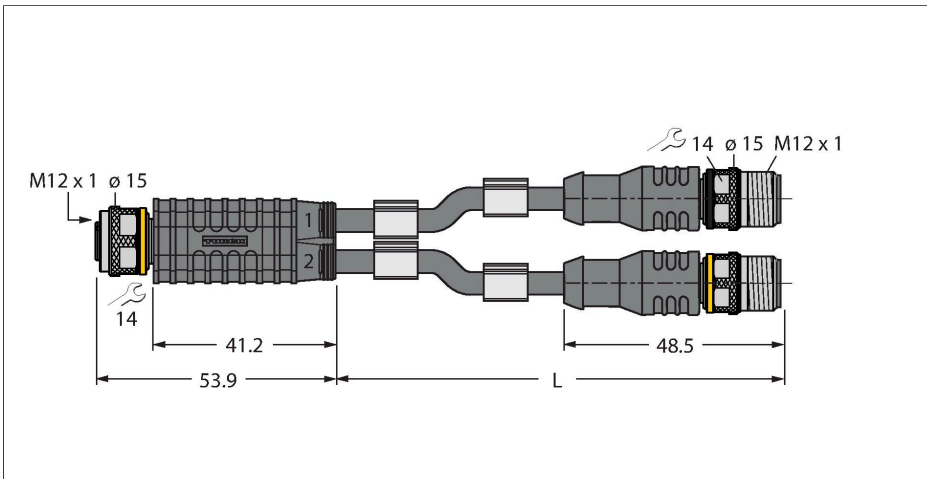


# VBRK4.4-2RSC4T-2/2/TEL

## 2-Way Splitter – Y-Splitter with Cable, Female Connector M12 × 1 - 2 × Male Connectors M12 × 1



### Technical data

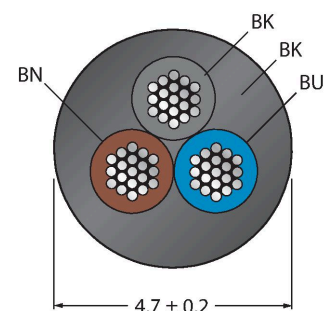
|                              |                                  |
|------------------------------|----------------------------------|
| Type                         | VBRK4.4-2RSC4T-2/2/TEL           |
| ID                           | 6629970                          |
| Distributed I/O              | Y-splitter, 2 -port              |
| Connector A                  | Female, M12 × 1, Straight        |
| Number of Pins               | 4                                |
| Contacts                     | Metal, CuZn, Gold-plated         |
| Contact carriers             | Plastic, TPU, Black              |
| Connector body               | Plastic, TPU, Black              |
| Coupling nut/screw           | Brass, CuZn, Nickel-plated       |
| Mechanical lifespan          | > 100 Mating cycles              |
| Pollution degree             | 3                                |
| Protection class             | IP67, Only in screwed condition  |
| Connector B                  | 2 x Male, M12 × 1, Straight      |
| Number of pins               | 3                                |
| Contacts                     | Metal, CuZn, Gold-plated         |
| Contact carriers             | Plastic, TPU, Black              |
| Connector body               | Plastic, TPU, Black              |
| Coupling nut/retaining screw | Brass, CuZn, Nickel-plated       |
| Mechanical life              | > 100 Mating cycles              |
| Pollution degree             | 3                                |
| Protection class             | IP67, Only when screwed together |
| Cable diameter               | Ø 4.7 mm ±0.20                   |
| Cable length                 | 2 m, 2 m                         |
| Cable jacket                 | PVC, Black                       |
| Core insulation              | PVC                              |

### Features



- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame-retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- RoHS-compliant
- Protection class IP67
- 4/3-pin
- Cable length: 2.0/2.0 meter

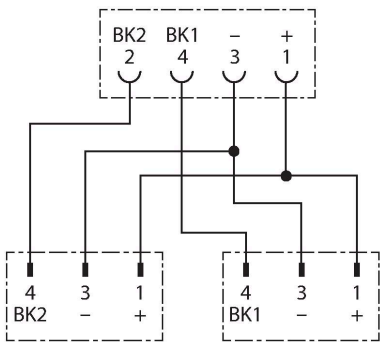
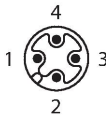
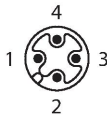
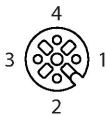
### Cable Cross-Section



### Contact assignment

Technical data

|                                          |               |
|------------------------------------------|---------------|
| Core cross-section                       | 3 x 0.34 mm²  |
| Arrangement of strands                   | 42 x 0.1 mm   |
| Core colors                              | BN, BU, BK    |
| Electrical properties at +20 °C          |               |
| Rated voltage                            | 48 V          |
| Test voltage                             | 2000 V        |
| Current                                  | 4 A           |
| Insulation resistance                    | > 30.5 MΩ/km  |
| forward resistance                       | max. 57 Ω/km  |
| Mechanical and chemical properties       |               |
| Bending radius (stationary installation) | ≥ 5 x Ø       |
| Bending radius (flexible use)            | ≥ 10 x Ø      |
| Ambient temperature range (stationary)   | -40...+105 °C |
| Ambient temperature range (In motion)    | 0...+80 °C    |



Accessories

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| TORQUE-WRENCH-SET-AS                                                                                                  | 6936170 |
| Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14) |         |

|                                                                                                                                         |         |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| BLANK-LABEL-FOR-CORDSETS-TEL-TXL                                                                                                        | 6936206 |
| Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant |         |

