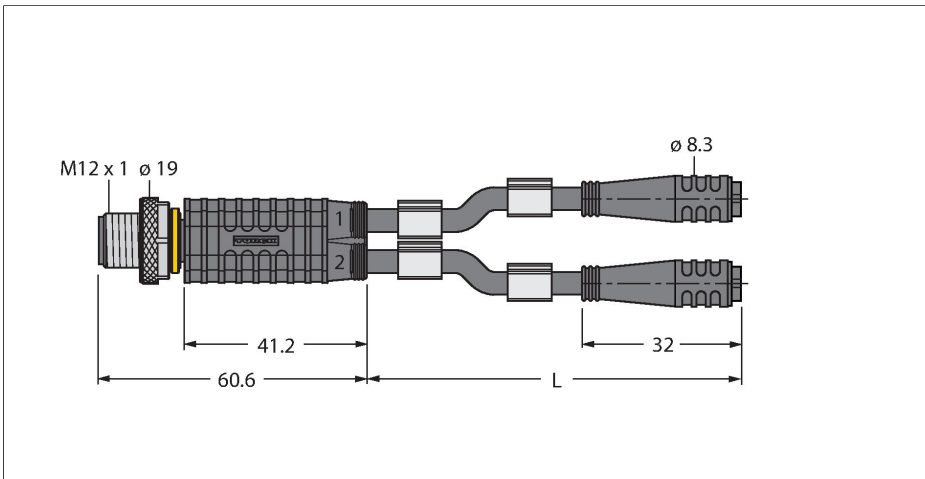


# VBRS4.4-2PKG3S-1/1/TEL

## 2-Way Splitter – Y-Splitter with Cable, Male M12 × 1 - 2x Female Ø 8 mm



### Features

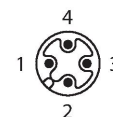


- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame-retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- RoHS-compliant
- Protection class IP67
- 4/3-pin
- Cable length: 1.0/1.0 meter

### Cable Cross-Section



### Contact assignment

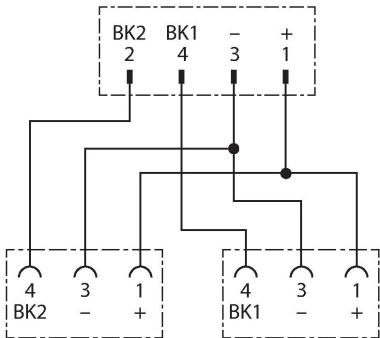


### Technical data

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Type                      | VBRS4.4-2PKG3S-1/1/TEL                                     |
| ID                        | 6630445                                                    |
| Distributed I/O           | Y-splitter, 2 -port                                        |
| Connector A               | Male, 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                                 |
| Tightening torque (range) | 0.8 ... 1 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan       | > 100 Mating cycles                                        |
| Pollution degree          | 3                                                          |
| Protection class          | IP67, Only in screwed condition                            |
| Connector B               | 2 x Female, Ø 8 mm, Straight                               |
| Number of pins            | 3                                                          |
| Contacts                  | Metal, CuZn, Gold-plated                                   |
| Contact carriers          | Plastic, TPU, Black                                        |
| Connector body            | Plastic, TPU, Black                                        |
| Seal                      | Plastic, FPM/FKM                                           |
| 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              | 1 m, 1 m                                                   |

Technical data

|                                          |               |
|------------------------------------------|---------------|
| Cable jacket                             | PVC, Black    |
| Core insulation                          | PVC           |
| 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                            | 60 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 |         |

