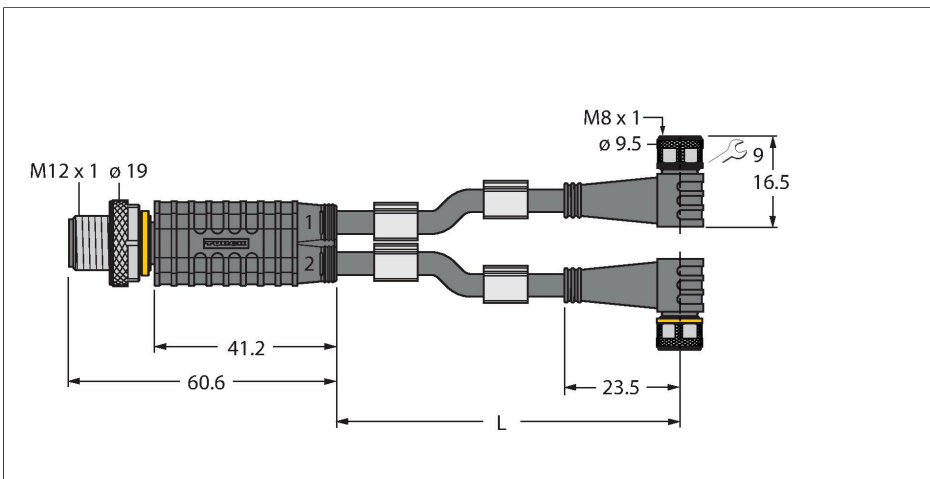


# VBR4.4-2PKW3M-1.5/1.5/TEL 2-Way Splitter – Y-Splitter with Cable, Male M12 × 1 - 2x Female M8 × 1



## Technical data

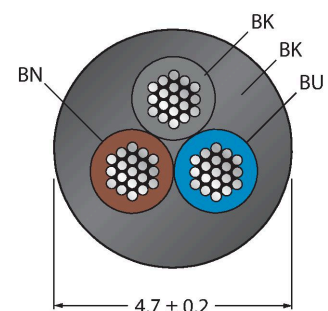
|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Type                         | VBR4.4-2PKW3M-1.5/1.5/TEL                                  |
| ID                           | 6630422                                                    |
| 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, M8 × 1, Angled                                 |
| 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                                 |
| Seal                         | Plastic, FPM/FKM                                           |
| Tightening torque            | 0.5 ... 0.6 Nm (observe max. torque of mating connector!)  |
| Mechanical life              | > 100 Mating cycles                                        |
| Pollution degree             | 3                                                          |

## 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: 1.5/1.5 meter

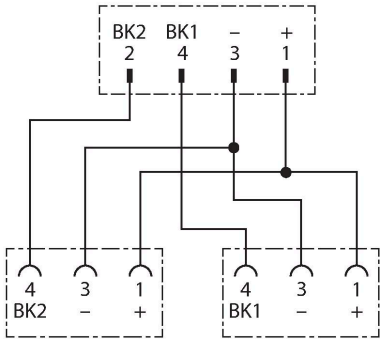
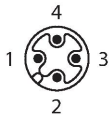
## Cable Cross-Section



## Contact assignment

Technical data

|                                          |                                  |
|------------------------------------------|----------------------------------|
| Protection class                         | IP67, Only when screwed together |
| Cable diameter                           | Ø 4.7 mm ±0.20                   |
| Cable length                             | 1.5 m, 1.5 m                     |
| 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 (fixed)              | -40...+105 °C                    |
| Ambient temperature (mobile)             | 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 |         |

