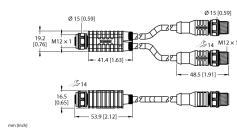


2-Way Splitter

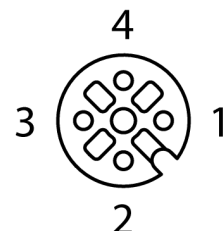
Y-Splitter with Cable, Female Connector M12 × 1 - 2 × Male Connectors M12 × 1

VBRK4.4-RSC4.861T-0.3/0.3/TXG



- Jacket material: PUR
- Jacket color: gray
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- RoHS-compliant
- Protection class: IP67
- 4/3-pin
- Cable length: 0.3/0.3 m

Pin Assignment



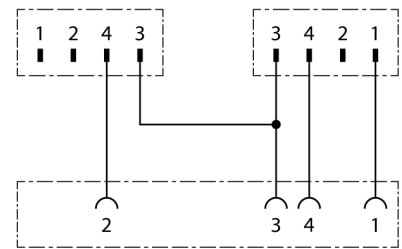
Type	VBRK4.4-2RSC4.861T-0.3/0.3/TXG
ID	6631779
Distributed I/O	Y-splitter, 2-port
Connector A	Female, M12 × 1, Straight
Number of pins	4
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Connector B	2 x Male, M12 × 1, Straight
Number of Pins	3
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 4.3mm ±0.20
Cable length	0.3 m, 0.3m m
Cable jacket	PUR, Gray
Core insulation	PP
Core cross-section	3 x 0.34 mm²
Arrangement of strands	42 x 0.1mm
Core colors	BN, BU, BK

Electrical properties at +20 °C

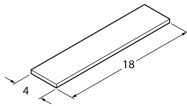
Rated voltage	48V
Test voltage	2000 V
Current	4AA
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57.5 Ω/km

Mechanical and chemical properties

Max. tensile strength (static)	≤ 50 N/mm ²
Max. tensile strength (dynamic)	≤ 20 N/mm ²
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 m/s ²
Admissible travel path, horizontal	5 m (at 5 m/s ²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature (fixed)	-50...+80°C
Ambient temperature (mobile)	-25...+80°C
Ambient temperature (drag chain)	-25...+60°C



Accessories

Type code	Ident no.		Dimension drawing
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-CORDESETS-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	