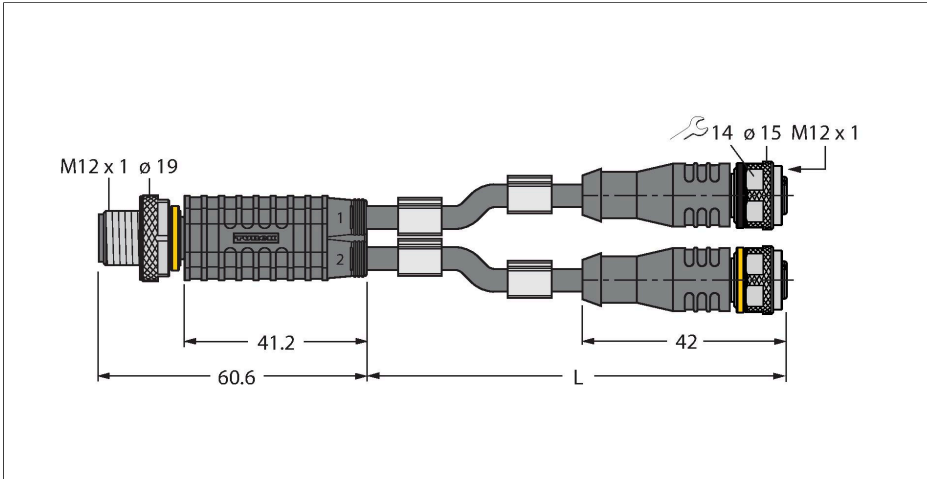


VBR4.487-2RKC4.221T-0.8/0.8/TXB 2-Way Splitter – Y-Splitter with Cable, Male Connector M12 × 1 - 2 × Female Connectors M12 × 1

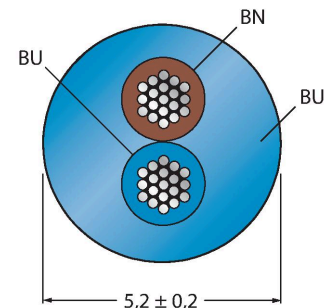


Features

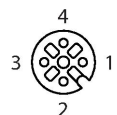
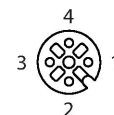
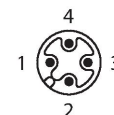


- Jacket material: PUR
- Jacket color: blue
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame-retardant (FT2 in accordance with UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- RoHS-compliant
- Protection class: IP67
- Cable length: 0.8/0.8 m

Cable Cross-Section



Contact assignment



Headline Wiring Diagram

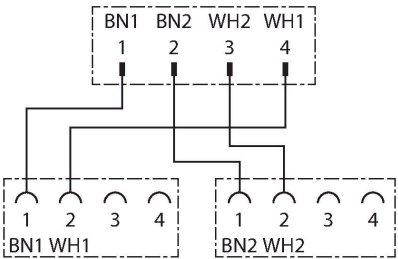
Technical data

Type	VBR4.487-2RKC4.221T-0.8/0.8/TXB
ID	6635875
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 (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, M12 × 1, Straight
Number of Pins	2
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	0.8 ... 1 Nm (observe max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3

Technical data

Protection class	IP67, Only when screwed together
Cable diameter	Ø 5.2 mm ±0.20
Cable length	0.8 m, 0.8 m
Cable jacket	PUR, Blue
Core insulation	PP
Core cross-section	2 x 0.5 mm²
Arrangement of strands	64 x 0.1 mm
Core colors	BN, BU
Electrical properties at +20 °C	
Rated voltage	250 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
Bending cycles	≥ 5 million
Admissible acceleration	max. 5 m/s²
Admissible travel path, horizontal	5 m (at 5 m/s²)
Admissible travel path, vertical	2 m (at 5 m/s²)
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

Pin Assignment



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	

