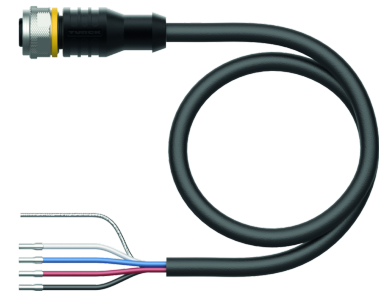
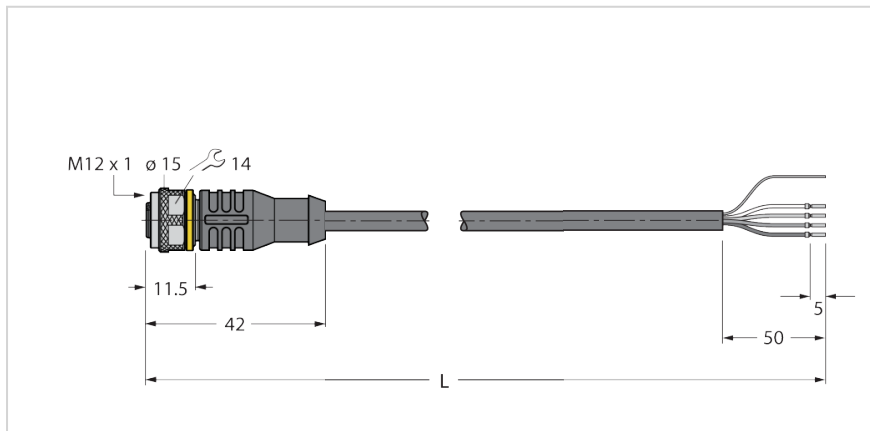


RKC5701-7M

Bus Cable for CAN (DeviceNet, CANopen) PUR Cable Jacket, Thin



Type designation	RKC5701-7M
Ident-No.	6936628

Technical data

Electrical data	
Current	4 A
Rated voltage	60 V
DC resistance (loop)	82 Ω/km
Nom. capacitance	37 pF/m
Nom. impedance	120 Ω (1 MHz)
Mechanical data	
Bending radius (stationary installation)	≥5 x Ø
Bending radius (flexible use)	≥10 x Ø
Bending cycles	≥5 Mio.
Admissible traversing speed	3 m/s
Connector A	
Mechanical lifespan	> 100 Mating cycles
Connector A	Female, M12 x 1, Straight, A-coded
Number of Pins	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated

Features

- Sheathing material: PUR
- Jacket color: Anthracite
- Power pair: AWG 2/22
- Data pair: AWG 2/24
- Oil-resistant acc. to VDE 0472, part 803
- Flame-retardant acc. to VDE 0472, part 804/B
- Halogen-free
- UL approval
- End open
- M12-female connector, straight, A-coded
- Cable length: 7.0 m

Technical data

Seal	Plastic, FPM/FKM
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition

Cable

Cable type	5701
Cable diameter	6,7 mm
Cable length	7 m
Cable jacket	PUR, Anthracite
Overall shield	yes
Core insulation	PE
Core cross-section	2 x 0,25 mm ²
Core cross-section	2 x 0,34 mm ²
Core colors	Power: RD, BK, Data: WH, BU

Ambient conditions

Ambient temperature (mobile)	-25...+60 °C
Ambient temperature (fixed)	-40...+80 °C

Tests/approvals

Approvals	UL
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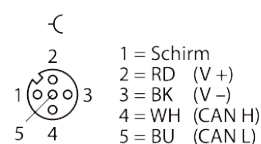
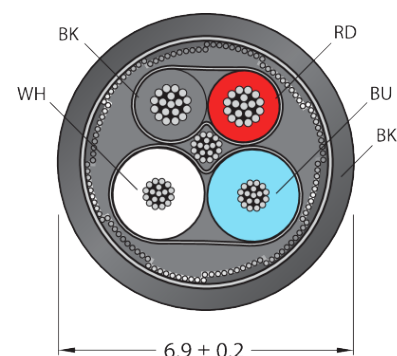
Other properties

Qualified for drag chain use	yes
Halogen-free	yes
LABS free	yes
UV resistance	yes

Comments

Packaging unit	1
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Cable Cross-Section



Circuit Diagram

