



Bulk Raw Cable

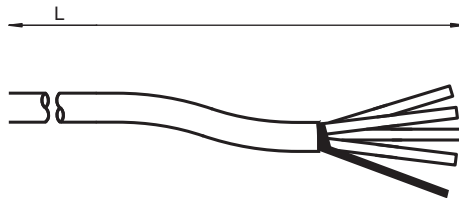
CBL-PUR-O2/CAN-BK-2x2x034-100M

- Suitable for DeviceNet and CANopen
- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- Resistant to salt water
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core twisted pairs black, shielded, UL approved, drag chain suitable, outdoor



Dimensions



Technical Data

Electrical specifications		
Operating voltage	U_B	max. 300 V AC
Conformity		
Flammability		UL 1581 , IEC 60332-1-2
Halogen-free		IEC 60754-1
Chemical resistance		DIN EN 60811-2-1
Oil resistance		DIN EN 60811-2-1
Approvals and certificates		
UL approval		AWM STYLE 21924/11558 105°C 300V AWM I A/B 105°C 300V FT2
Ambient conditions		
Ambient temperature		
Cable, fixed		-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3
Mechanical specifications		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6 mm ± 0.2 mm

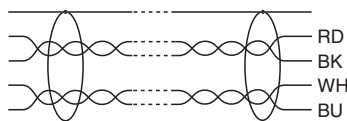
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".


Technical Data

Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, single bend
Sheath stripping force		max. 80 N / 500 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: red Core 2: black Core 3: white Core 4: blue
Core construction		19 x 0.15 mm Ø twisted pairs
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Mass		46 kg/km
Cable code		Li 9Y C11Y 2 x 2 x 0,34
Drag chain suitability		
Drag chain cycles		min. 3000000
Motion velocity		max. 2.5 m/s
Traverse distance		0.51 m
Acceleration		max. 12 m/s ²
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Salt water resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment



Accessories

	V1S-W-ABG-PG9	Male connector M12 angled A-coded 4-pin, for cable diameter 5 - 8 mm, shielded, field-attachable
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