

# Bulk Raw Cable

## CBL-PUR-U/ABG-BK-04x034-100M

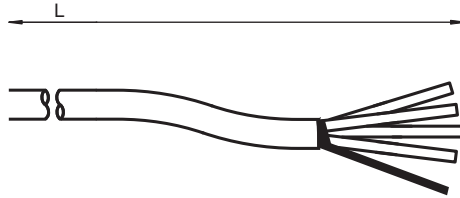


- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- cURus approval
- Halogen-free

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



### Dimensions



### Technical Data

<b>Electrical specifications</b>		
Operating voltage	$U_B$	max. 300 V
<b>Conformity</b>		
Degree of protection		EN 60529
Flammability		UL 1581; DIN EN 60332-2-2
Halogen-free		DIN VDE 0472-815
Microbial resistance		EN 50363
Hydrolysis resistance		EN 50363
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 20549/10493 80°C 300V FT2
<b>Ambient conditions</b>		
Ambient temperature		
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6

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

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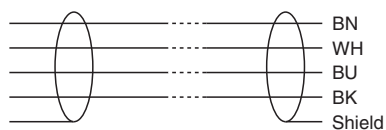
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## Technical Data

Sheath diameter		4.9 mm ± 0.15 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 60 N / 100 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross section		0.34 mm <sup>2</sup>
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		42 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Mass		37.4 kg/km
Cable code		Li F 9Y C11Y 4 x 0,34
<b>Drag chain suitability</b>		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s <sup>2</sup>
<b>Material</b>		
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment



## Accessories

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