

# Bulk Raw Cable

## CBL-PUR-E1S-GN-04x034-100M

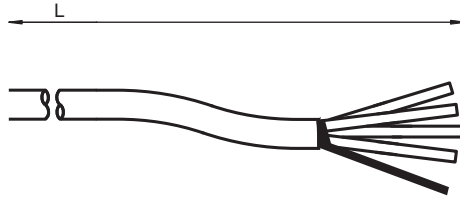


- Hard-wearing PUR cable
- Suitable for drag chains and abrasion resistant
- Industrial Ethernet
- Conforms to PROFINET
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core green, Cat5e, shielded, UL approved, drag chain suitable



### Dimensions



### Technical Data

<b>Electrical specifications</b>		
Operating voltage	$U_B$	max. 57 V DC
<b>Conformity</b>		
Degree of protection		EN 60529
Component category		CAT5 (IEC 11801) , CAT5e (IEC 61156-6)
Flammability		IEC 60332-1-2 / UL 2556
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 20549 80 °C 300V AWM I A/B 80 °C 300V FT2
<b>Ambient conditions</b>		
Ambient temperature		
Cable, fixed		-30 ... 70 °C (-22 ... 158 °F) , UL: -20 ... 70 °C (-4 ... 158 °F)
Cable, flexing		-20 ... 70 °C (-4 ... 158 °F)
<b>Mechanical specifications</b>		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6 mm ± 0.3 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed

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

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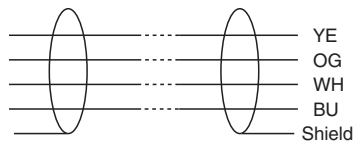
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## Technical Data

Sheath stripping force		max. 60 N / 100 mm
Sheath color		green (similar to RAL 6018)
Number of cores		4
Core cross section		0.34 mm <sup>2</sup> / 22 AWG
Cores color		Core 1: yellow Core 2: orange Core 3: white Core 4: blue
Core construction		7 x 0.254 mm Ø
Shield		aluminum-lined polyester foil Tinned copper braiding
Length	L	100 m
Drag chain suitability		
Drag chain cycles		max. 1000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 2 m/s <sup>2</sup>
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Flammability		FT2

## Connection Assignment



## Accessories

	<b>V1SD-G-ABG-PG9</b>	Male connector M12 straight D-coded 4-pin, for cable diameter 5 - 8 mm, shielded, field-attachable
	<b>V1SD-W-ABG-PG9</b>	Male connector M12 angled D-coded 4-pin, for cable diameter 5 - 8 mm, shielded, field-attachable
	<b>V1D-G-ABG-PG9-Q3</b>	Single-ended female cordset, M12, D-coded, shielded, field attachable

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