

# Bulk Raw Cable

## CBL-PUR-ABG-BK-08x025-100M

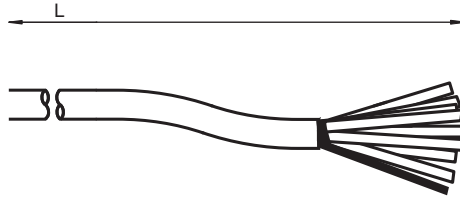


- Resistant to microbes and hydrolysis
- Free of paint wetting interfering substances
- UV resistant
- cURus approval
- Halogen-free

Cable, PUR/PP, 8-core black, shielded, UL approved, drag chain suitable



### Dimensions



### Technical Data

Electrical specifications		
Operating voltage	U <sub>B</sub>	max. 300 V AC/DC
Conformity		
Flammability		UL 1581; DIN EN 60332-2-2
Halogen-free		IEC 60754-1
Microbial resistance		EN 50363
Hydrolysis resistance		EN 50363
Approvals and certificates		
UL approval		AWM STYLE 20549 I/II A/B 80°C 300V FT2
Ambient conditions		
Ambient temperature		
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		6 mm ± 0.2 mm

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

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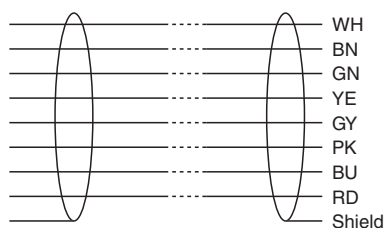
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## Technical Data

Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 80 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		8
Core cross section		0.25 mm <sup>2</sup>
Cores color		Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink Core 7: blue Core 8: red
Core construction		32 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Cable code		Li 9Y C 11Y 8 x 0,25
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s <sup>2</sup>
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
<b>Cable</b>		
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>V19-G-ABG-PG9</b>	Female connector M12 straight A-coded 8-pin, for cable diameter 5 - 8 mm, shielded, field-attachable
	<b>V19S-G-ABG-PG9</b>	Male connector M12 straight A-coded 8-pin, for cable diameter 5 - 8 mm, shielded, field-attachable

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**Accessories**

	<b>V19-W-ABG-PG9</b>	Female connector M12 angled A-coded 8-pin, for cable diameter 5 - 8 mm, shielded, field-attachable
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