



## Bulk Raw Cable

### CBL-PUR-A1-OR-4x034-100M

- Improved resistance to weld slag
- Suitable for drag chains and abrasion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free
- Meets the VASS6 standard

Cable, PUR/PP, 4-core welding-bead resistant orange, UL approved, drag chain suitable, torsion resistant



### Dimensions



### Technical Data

Electrical specifications			
Operating voltage	$U_B$		max. 300 V AC/DC
Resistance per unit length	$R'$		0.057 $\Omega/m$
Capacitance per unit length	$C'$		max. 150 nF/km
Inductance per unit length	$L'$		max. 1 mH/km
Conformity			
Flammability			UL 1581; DIN EN 60332-2-2
Halogen-free			IEC 60754-1
Oil resistance			IEC 60811-404
Approvals and certificates			
UL approval			AWM STYLE 20549 80 °C 300V AWM I A/B 80 °C 300V FT2
Ambient conditions			
Ambient temperature			
Cable, fixed			-50 ... 80 °C (-58 ... 176 °F)
Cable, flexing			-25 ... 80 °C (-13 ... 176 °F)
Pollution degree			3
Mechanical specifications			

Release date: 2023-02-20 Date of issue: 2023-02-20 Filename: 70134311\_eng.pdf

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

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## Technical Data

Cable	according to IEC/EN 60228 (DIN VDE 0295) class 6	
Sheath diameter		6.7 mm ± 0.2 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		orange (similar to RAL 2003)
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
Length	L	100 m
Cable code		Li F 9Y 11Y 4 x 0,34
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3.3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s <sup>2</sup>
Torsion cycles		min. 2000000
Torsional stress		± 180 °/m
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Welding-bead resistance		yes
Weld spatter resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment

_____	.....	_____	BN
_____	.....	_____	WH
_____	.....	_____	BU
_____	.....	_____	BK