



Bulk Raw Cable

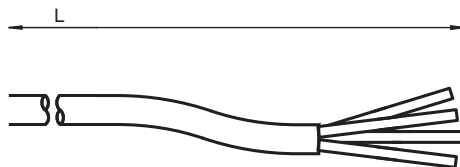
CBL-POC-OR-04x034-100M

- Welding-bead resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Ozone resistant
- Hydrolysis resistant
- Oil resistant
- Halogen-free

Cable, POC/ETFE, 4-pin, welding-bead resistant orange, suitable for robotic applications, torsion resistant, oil resistant, molecularly cross-linked



Dimensions



Technical Data

Electrical specifications		
Operating voltage	U _B	max. 300 V
Conformity		
Degree of protection		EN 60529
Flammability		IEC 60332-1-2 , ISO 14572 , ISO 6722
Halogen-free		IEC 60754-2
Hydrolysis resistance		ISO 6722
Oil resistance		ISO 14572
Ambient conditions		
Ambient temperature		
Cable, fixed		-40 ... 120 °C (-40 ... 248 °F) for 20000 h -40 ... 150 °C (-40 ... 302 °F) for 3000 h
Cable, flexing		-15 ... 120 °C (5 ... 248 °F) for 20000 h -15 ... 150 °C (5 ... 302 °F) for 3000 h
Pollution degree		3
Mechanical specifications		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5

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

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Technical Data

Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 10 x cable diameter, fixed
Sheath color		orange (similar to RAL 2003)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		19 x 0.16 mm Ø
Length	L	100 m
Mass		38.2 kg/km
Cable code		Li 7Y 41X 4 x 0,34
Drag chain suitability		
Torsion cycles		min. 300000
Torsional stress		± 360 °/ 30 cm
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		TPE
Core insulation		ETFE
Welding-bead resistance		yes
Weld spatter resistance		yes
Oil resistance		yes
Hydrolysis resistance		yes
Flammability		flame-resistant
Molecularly cross-linked		yes

Connection Assignment

_____	BN
_____	WH
_____	BU
_____	BK

Accessories

	V1-WV2A	Female connector, field-attachable
	V1S-G-PG9	Male connector M12 straight A-coded 4-pin, for cable diameter 6 - 8 mm, field-attachable
	V1S-W-PG9	Male connector M12 angled A-coded 4-pin, for cable diameter 6 - 8 mm, field-attachable
	V1S-G-Q3	Field-attachable male QUICKON-ONE connector

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Accessories

	V1-G-Q2	Field-attachable female QUICKON-ONE connector
	V1S-G-Q2	Field-attachable male QUICKON-ONE connector
	V1-G-PG9	Female connector M12 straight A-coded 4-pin, for cable diameter 6 - 8 mm, field-attachable
	V1-W-PG9	Female connector M12 angled A-coded 4-pin, for cable diameter 6 - 8 mm, field-attachable
	V1-G-BK	Female connector M12 straight A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable
	V1-W-BK	Female connector M12 angled A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable
	V1S-G-BK	Male connector M12 straight A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable
	V1S-W-BK	Male connector M12 angled A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable
	V31-WM-MQ	Female cordset single-ended, M8, 4-pin, field attachable
	V31-WM	Female cordset single-ended, M8, 4-pin, field attachable
	V31S-WM	Field-attachable male connector, M8, 4-pin
	V1S-GV4A	Male connector, field-attachable
	V1-W-SC	Female connector M12 angled A-coded 4-pin, for cable diameter 4 - 8 mm, field-attachable, cage spring connection
	V1S-W-SC	Male connector M12 angled A-coded 4-pin, for cable diameter 4 - 8 mm, field-attachable, cage spring connection
	V31-GM-Q4	Female cordset single-ended, M8, 4-pin, field attachable
	V31S-GM-Q4	Field-attachable male connector, M8, 4-pin
	V31S-GM	Male connector, field-attachable
	V31-GM	Female cordset single-ended, M8, 4-pin, field attachable

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