



Bulk Raw Cable

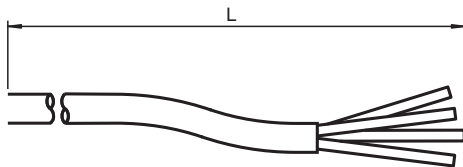
CBL-POC-OR-04x034-100M

- 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
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Conformity

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 installation	-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
Sheath diameter	4.8 mm
Bending radius	> 10 x cable diameter, movable installation > 10 x cable diameter, fixed installation
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

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Technical Data

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
Mass		3657 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		TPE
Cores		bare copper (Cu)
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