



Model Number

CBL-PUR-A-BK-04x034-100M

Cable, PUR/PP, 4-wire

Features

- Improved resistance to weld slag
- Suitable for drag chains
- Suitable for robotic applications / torsion resistant
- Flame resistant cable
- Halogen-free
- Resistant to microbes and hydrolysis
- Free of paint coating substances

Technical data

Electrical specifications

Operating voltage	U_B	max. 300 V
Test voltage		≥ 3000 V

Ambient conditions

Ambient temperature		cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F)
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Mechanical specifications

Material		
Cable		PUR
Core insulation		PP
Cable		
Sheath diameter		Ø 4.3 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color		black
Number of cores		4
Core cross-section		0.34 mm ²
Conductor construction		42 x 0.1 mm Ø
Length	L	100 m

Drag chain suitability

Drag chain cycles		≥ 5000000 (at max. 60 °C)
Motion velocity		≤ 3.3 m/s
Traverse distance		5 m horizontal
Acceleration		≤ 5 m/s ²
Torsion cycles		≥ 1000000 (at max. 60 °C)
Torsional stress		± 180 °/m

Flammability

Cable		FT2
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Compliance with standards and directives

Standard conformity		
Flammability		Cable: UL 758 / UL 1581
Halogen-free		IEC 60754-1:1994/DIN VDE 0472-815

Approvals and certificates

UL approval		cURus, General Purpose, E231213
Maximum permissible operating voltage		≤ 42.4 V peak, Class 2 source only
CCC approval		This product is not subject to authorization and therefore does not bear a CCC marking.
Maximum permissible operating voltage		≤ 75 V AC/DC

Electrical connection

_____	BN
_____	WH
_____	BU
_____	BK