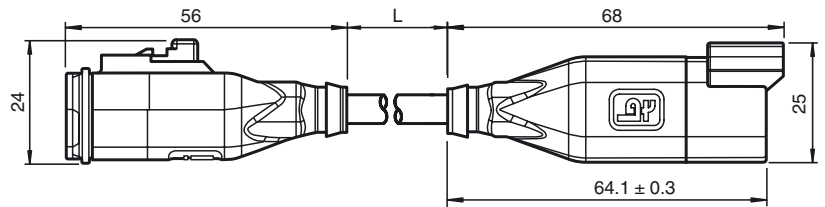




Dimensions



Model Number

DT3S-G-BK0,6M-PUR-O1-DT3P-G

Cordset, Deutsch connector to Deutsch socket, 3-pin PUR cable, outdoor

Features

- Oil and abrasion resistant PUR line appropriate for drag chains
- Resistant to microbes and hydrolysis
- Resistant to salt water
- Suitable for outdoor use (UV- and ozone resistant)
- Halogen-free

Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	Deutsch connectors
Connection 2	Male connector
Construction type 2	straight
Threading 2	Deutsch connectors

Electrical specifications

Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 8 A Per contact
Lead resistance		Max. 39 Ω/km

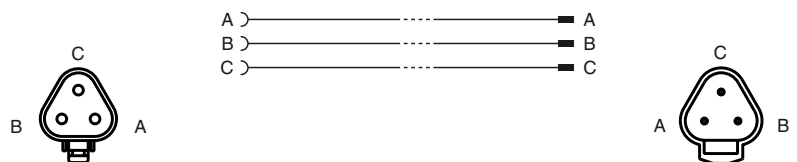
Ambient conditions

Ambient temperature	Body: -40 ... 125 °C (-40 ... 257 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP68
Cable code	LI9Y 3x0,50 mm ² 11Y
Material	
Contacts	Cu alloy
Contact surface	Ni
Body	PA, black
Cable	PUR
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.5 mm ± 0.15 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black (Similar to RAL 9005)
Number of cores	3
Core cross-section	0.5 mm ²
Conductor construction	28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L 0.6 m
Drag chain suitability	
Drag chain cycles	≥ 2000000
Motion velocity	≤ 3 m/s
Traverse distance	≤ 10 m
Acceleration	≤ 10 m/s ²
Flammability	
Contact carrier	V-2

Electrical connection



Release date: 2019-11-29 10:01 Date of issue: 2019-11-29 305291_eng.xml

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

Housing	V-0
Cable	cURus AWM 21924/11558 105°C 300V FT2
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002 IRM 902
Approvals and certificates	
UL approval	cURus AWM 21924/11558 105°C 300V FT2

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Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com