



**Model Number**

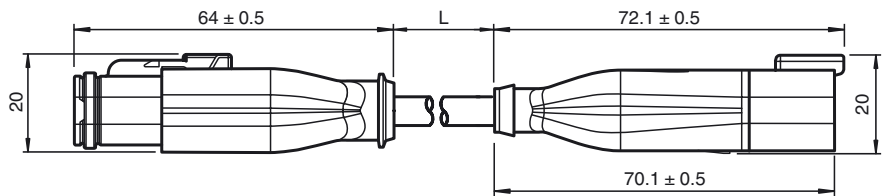
**DT4S-G-BK\*M-PUR-O1-DT4P-G**

Cordset Deutsch socket to Deutsch plug, 4-pin, PUR cable black, outdoor

**Features**

- Suitable for outdoor use (UV- and ozone resistant)
- Oil and abrasion resistant PUR line appropriate for drag chains
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Resistant to salt water
- Raw cable with cURus approval
- Degree of protection IP68
- Cable length according to specification

**Dimensions**



**Technical data**

**General specifications**

Number of pins	4
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 <sub>B</sub>	max. 48 V AC / 60 V DC
Operating current	I <sub>B</sub>	max. 8 A Per contact

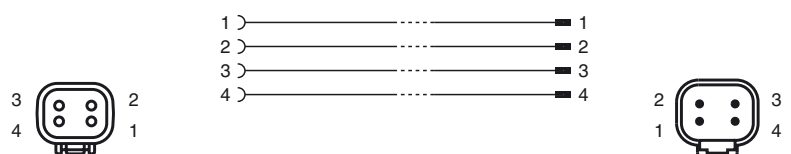
**Ambient conditions**

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	(4 Li9Y 0,50 mm <sup>2</sup> ) 11Y
Material	
Contacts	Cu alloy
Contact surface	Ni
Body	PA, black
Cable	PUR
Core insulation	PP
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter	4.8 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black (similar to RAL 7021)
Number of cores	4
Core cross-section	0.5 mm <sup>2</sup>
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
Conductor construction	28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L see type code V*-[length]M-*
Drag chain suitability	
Drag chain cycles	≥ 2000000
Motion velocity	≤ 3 m/s
Traverse distance	≤ 10 m

**Electrical connection**



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Acceleration	≤ 10 m/s <sup>2</sup>
Flammability	
Contact carrier	V-2
Housing	V-0
Cable	FT2
<b>Compliance with standards and directives</b>	
Standard conformity	
Degree of protection	EN 60529
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 IRM 902
<b>Approvals and certificates</b>	
UL approval	cURus AWM 21924/11558 105°C 300V FT2 (cable)

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

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