



### Model Number

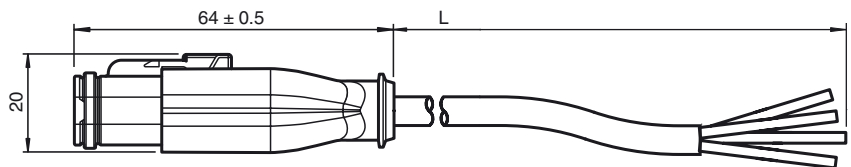
**DT4S-G-BK\*M-PUR-01**

Female cordset single-ended Deutsch socket, 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	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 8 A Per contact

#### Ambient conditions

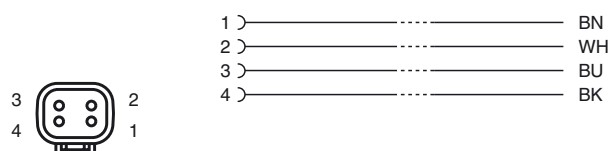
Ambient temperature	Body: -40 ... 125 °C (-40 ... 257 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
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Pollution degree	3
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#### Mechanical specifications

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* <sup>*</sup>
Drag chain suitability	
Drag chain cycles	≥ 2000000
Motion velocity	≤ 3 m/s
Traverse distance	≤ 10 m
Acceleration	≤ 10 m/s <sup>2</sup>
Flammability	

### Electrical connection





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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