

## Connection cable

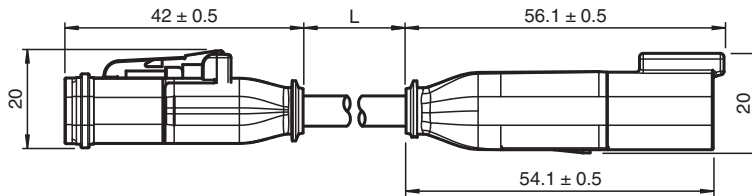
DT2S-G-BK7,5M-PUR/0,75-DT2P-G

- Hard-wearing PUR cable
- Degree of protection IP68
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UV resistant
- Oil resistant
- Snap locking

Cordset Deutsch socket straight to Deutsch plug straight, 2-pin, PUR cable black



### Dimensions



### Technical Data

#### General specifications

##### Connector 1

Connection	socket
Construction type	Deutsch connectors
Style	straight
Locking	snap locking
Number of pins	2

##### Connector 2

Connection	plug
Construction type	Deutsch connectors
Style	straight
Locking	snap locking
Number of pins	2

#### Electrical specifications

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

#### Conformity

Degree of protection	EN 60529
Halogen-free	IEC 60754-1
Oil resistance	IEC 60881:404

#### Ambient conditions

Ambient temperature	
Plug connector	-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed	-40 ... 85 °C (-40 ... 185 °F)

Release date: 2023-07-05 Date of issue: 2023-07-05 Filename: 70160202\_eng.pdf

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

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

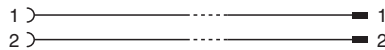
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

### Technical Data

Cable, flexing		-25 ... 85 °C (-13 ... 185 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Loosening protection		available
Degree of protection		IP68
Cable		
Sheath diameter		5 mm
Bending radius		> 8 x cable diameter, moving > 4 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		2
Core cross section		0.75 mm <sup>2</sup> / 18 AWG
Cores color		Core 1: brown Core 2: blue
Core construction		42 x 0.15 mm Ø
Length	L	7.5 m
Cable code		Li 9Y 11Y 2 x 0.75
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
Plug connector		
Body		PA, black
Contact surface		Ni
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes

### Connection



Release date: 2023-07-05 Date of issue: 2023-07-05 Filename: 70160202\_eng.pdf