

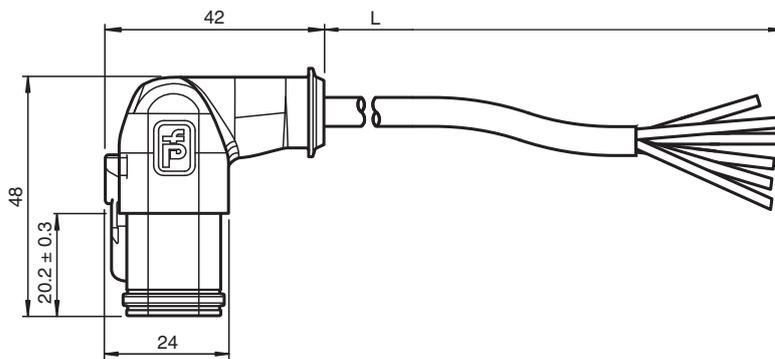
## Female connector DT6S-W-BK6M-PUR/1,5

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

Female cordset single-ended Deutsch socket angled, 6-pin, PUR cable black



### Dimensions



### Technical Data

#### General specifications

Connector 1	
Connection	socket
Construction type	Deutsch connectors
Style	right angle
Locking	Snap locking
Number of pins	6
Connector 2	
Connection	cable end

#### 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
Oil resistance	IEC 60881:404

#### Ambient conditions

Ambient temperature	
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Release date: 2020-09-23 Date of issue: 2020-09-23 Filename: 70116679\_eng.pdf

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

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## Technical Data

Plug connector		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-40 ... 85 °C (-40 ... 185 °F)
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		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		8.8 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		6
Core cross-section		1.5 mm <sup>2</sup>
Cores color		Core 1: white Core 2: brown Core 3: blue Core 4: orange Core 5: green Core 6: black
Core construction		84 x 0.15 mm Ø
Length	L	6 m
Cable code		Li 9Y 11Y 6 x 1,5
<b>Material</b>		
LABS 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 Assignment



1 )	-----	WH
2 )	-----	BN
3 )	-----	BU
4 )	-----	OG
5 )	-----	GN
6 )	-----	BK