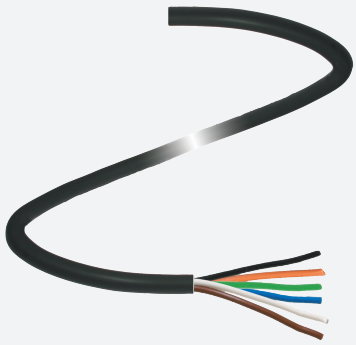


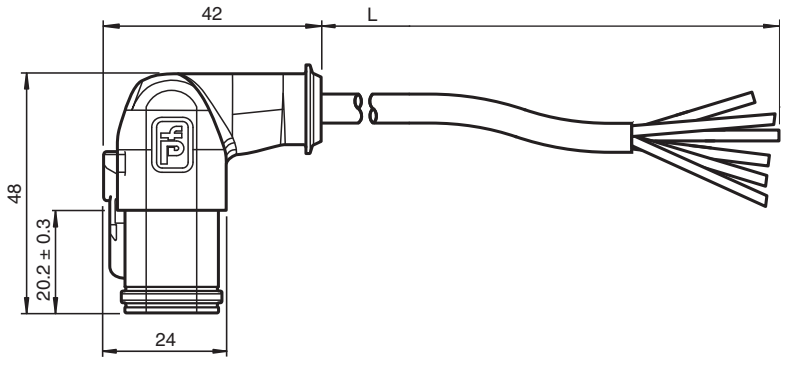
Female connector

DT6S-W-BK10M-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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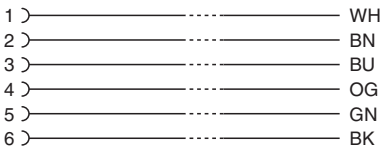
Technical Data

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
Mechanical specifications		
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 mm²
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	10 m
Cable code		Li 9Y 11Y 6 x 1,5
Material		
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



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