

Connection cable

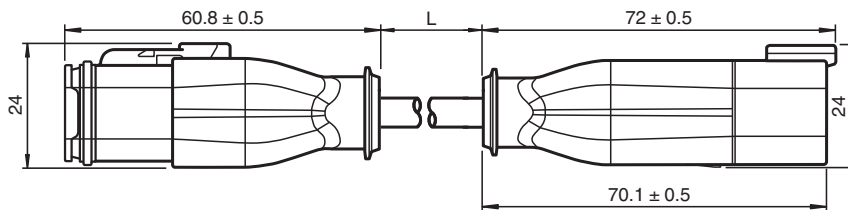
DT6S-G-BK3M-PUR/1,5-DT6P-G

- 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

Cordset Deutsch socket straight to Deutsch plug straight, 6-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		6	
Connector 2			
Connection		Male connector	
Construction type		Deutsch connectors	
Style		straight	
Locking		Snap locking	
Number of pins		6	

Electrical specifications

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

Conformity

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

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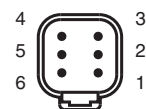
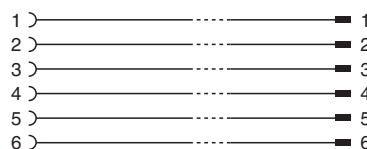
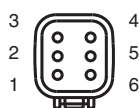
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 PEPPERL+FUCHS

Technical Data

Degree of protection	EN 60529	
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)	
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 mm ²	
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	3 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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