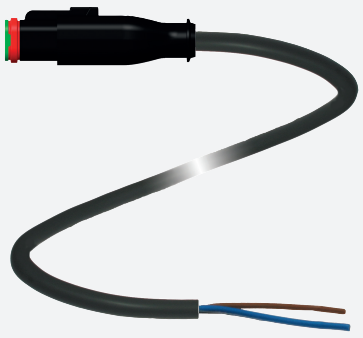


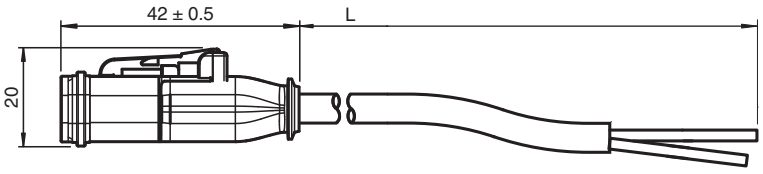
Female connector

DT2S-G-BK4,8M-PUR/0,75

- 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 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		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
Halogen-free		IEC 60754-1
Oil resistance		IEC 60881:404
Ambient conditions		

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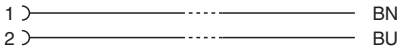
Technical Data

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		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 mm² / 18 AWG
Cores color		Core 1: brown Core 2: blue
Core construction		42 x 0.15 mm Ø
Length	L	4.8 m
Cable code		Li 9Y 11Y 2 x 0.75
Material		
LABS 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 Assignment



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