

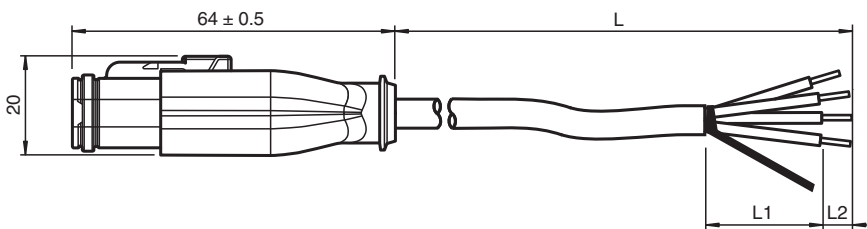
Cable socket, shielded DT4S-G-BK10,5M-PUR-O2/CAN

- Suitable for DeviceNet and CANopen
- Suitable for drag chains and abrasion resistant
- Degree of protection IP68
- Resistant to microbes and hydrolysis
- UV resistant
- Resistant to salt water
- Halogen-free
- Snap locking
- Shield connected to pin 2
- Customer-specific configuration

DeviceNet/CANOpen bus cable female cordset Deutsch socket straight 4-pin, PUR cable 4-core twisted pairs black, shielded, UL approved, drag chain suitable, outdoor



Dimensions



Technical Data

General specifications

Customization	core ends stripped and tinned L1 = 13.3 mm L2 = 4.5 mm	
Connector 1		
Connection		socket
Construction type		Deutsch connectors
Style		straight
Locking		snap locking
Number of pins		4
Connector 2		
Connection		cable end

Electrical specifications

Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 4 A

Conformity

Degree of protection	EN 60529
Flammability	UL 1581 , IEC 60332-1-2
Halogen-free	IEC 60754-1
Chemical resistance	DIN EN 60811-2-1
Microbial resistance	DIN EN 50525-2-21 / DIN VDE 0282-10
Hydrolysis resistance	DIN EN 50525-2-21
Oil resistance	DIN EN 60811-2-1

Ambient conditions

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 70157284_eng.pdf

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

Technical Data

Ambient temperature		
Plug connector		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Loosening protection		available
Shielding		shield connected to pin 2
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, single bend
Sheath stripping force		max. 80 N / 500 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: red Core 2: black Core 3: white Core 4: blue
Core construction		19 x 0.15 mm Ø twisted pairs
Shield		tinned copper braiding, 85 % coverage
Length	L	10.5 m
Cable code		Li 9Y C11Y 2 x 2 x 0,34
Drag chain suitability		
Drag chain cycles		min. 3000000
Motion velocity		max. 2.5 m/s
Traverse distance		0.51 m
Acceleration		max. 12 m/s ²
Material		
PWIS free		yes
Halogen-free		yes
Plug connector		
Body		PA, black
Contact surface		Ni
Flammability		V-0
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Salt water resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 70157284_eng.pdf

Connection

