



Cable connector

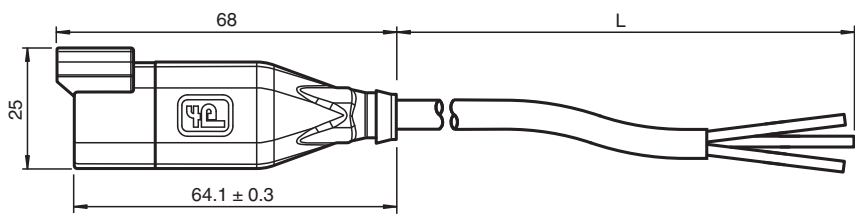
DT3P-G-BK10M-PUR-O1

- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains and abrasion resistant
- Degree of protection IP68
- Resistant to microbes and hydrolysis
- Oil resistant
- Resistant to salt water
- Halogen-free
- Snap locking

Male cordset single-ended Deutsch plug straight, 3-pin, PUR cable black, drag chain suitable, outdoor



Dimensions



Technical Data

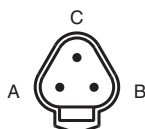
General specifications			
Connector 1			
Connection		plug	
Construction type		Deutsch connectors	
Style		straight	
Locking		snap locking	
Number of pins		3	
Connector 2			
Connection		cable end	
Electrical specifications			
Operating voltage	U _B	max. 48 V AC / 60 V DC	
Operating current	I _B	max. 8 A per contact	
Conformity			
Degree of protection		EN 60529	
Flammability		UL 1581; DIN EN 60332-2-2	
Halogen-free		DIN VDE 0472-815 / DIN EN 50267-2-1	
UV resistance		on the basis of DIN EN ISO 4892-2-A for 1000 hours	
Oil resistance		DIN EN 60811-2-1	
Ambient conditions			
Ambient temperature			
Plug connector		-40 ... 125 °C (-40 ... 257 °F)	
Cable, fixed installation		-50 ... 105 °C (-58 ... 221 °F)	
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)	

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Technical Data

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	4.5 mm
Bending radius	> 10 x cable diameter, movable installation > 8 x cable diameter, fixed installation
Sheath stripping force	max. 50 N / 300 mm
Sheath color	black (similar to RAL 7021)
Number of cores	3
Core cross section	0.5 mm ²
Cores color	Core A: brown Core B: blue Core C: black
Core construction	28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L 10 m
Cable code	Li 9Y 11Y 3 x 0,50
Drag chain suitability	
Drag chain cycles	min. 2000000
Motion velocity	max. 3 m/s
Traverse distance	10 m
Acceleration	max. 10 m/s ²
Material	
Halogen-free	yes
Plug connector	
Body	PA, black
Contact surface	Ni
Flammability	V-0
Cable	
Sheathing	PUR based on polyether
Cores	bare copper (Cu)
Core insulation	PP
Salt water resistance	yes
UV resistance	yes
Chemical resistance	good
Oil resistance	yes
Cooling lubricant resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

Connection Assignment



A	BN
B	BU
C	BK