



Y connection cable

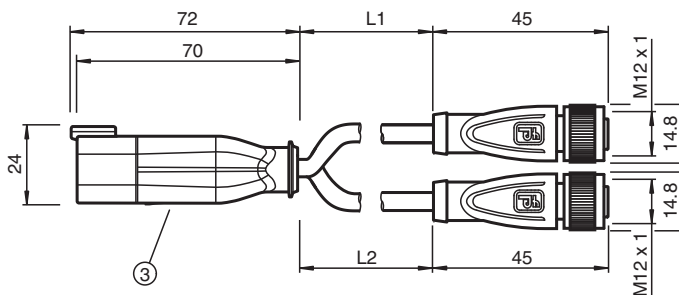
V19-G/V1-G-0,3M-T-DT6P-G-R2000

- Suitable for drag chains and abrasion resistant
- Degree of protection IP68
- Resistant to microbes and hydrolysis
- Oil resistant
- Halogen-free
- Snap locking
- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly

Y connection cable Deutsch plug straight 6-pin to M12 socket 8-pin / M12 socket 4-pin, straight A-coded, 2x PUR cable black, drag chain suitable



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		8
Coding		A-coded
Connector 2		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 3		
Connection		plug
Construction type		Deutsch connectors
Style		straight
Locking		snap locking
Number of pins		6

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

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Technical Data

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
Plug connection	connector M12 x 1 : IEC 61076-2-101
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 / DIN EN 50267-2-1

Ambient conditions

Ambient temperature	
Connector 1	-40 ... 90 °C (-40 ... 194 °F)
Connector 2	-40 ... 90 °C (-40 ... 194 °F)
Connector 3	-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed installation	-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing	-25 ... 80 °C (-13 ... 176 °F)
Pollution degree	3

Mechanical specifications

Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Connector 2		
Tightening torque		0.6 Nm
Loosening protection		available
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Connector 3		
Loosening protection		available
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 7021)
Number of cores		4
Core cross section		0.5 mm ² / 0.34 mm ²
Cores color		Core 1: blue Core 2: brown Core 3: black Core 4: white Core 5: brown Core 6: white
Core construction		28 x 0.15 mm / 42 x 0.1 mm Ø
Length	L	L1 = 0.3 m L2 = 0.3 m
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s ²
Mass		63.95 g
Material		
Halogen-free		yes
Connector 1		

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Technical Data

Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Connector 2		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Connector 3		
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
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection

