



Y connection cable

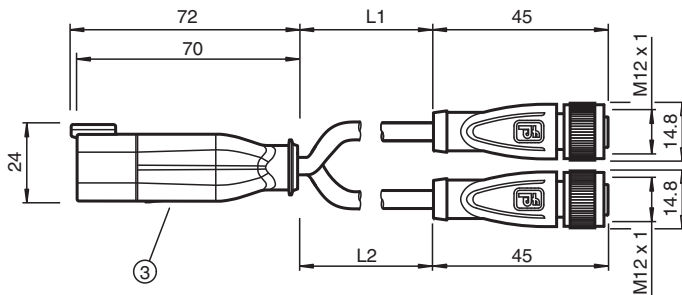
V19-G/V1-G-0,3M-T-DT6P-G-R2000

- 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

Release date: 2025-04-10 Date of issue: 2025-04-10 Filename: 70129275_eng.pdf

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		

Release date: 2025-04-10 Date of issue: 2025-04-10 Filename: 70129275_eng.pdf

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

