



Adapter cable

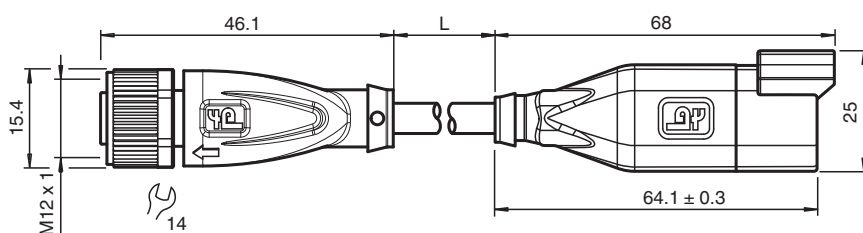
V11-G-BK0,5M-PUR-O1-DT3P-G-Y70

- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains and abrasion resistant
- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- Oil resistant
- Resistant to salt water
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Adapter cable M12 socket straight A-coded to Deutsch plug straight, 3-pin, PUR cable black, drag chain suitable, outdoor



Dimensions



Technical Data

General specifications

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

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
Oil resistance	DIN EN 60811-2-1

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Technical Data

Ambient conditions

Ambient temperature	
Connector 1	-40 ... 90 °C (-40 ... 194 °F)
Connector 2	-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

Connector 1	
Tightening torque	0.6 Nm
Loosening protection	available
Tool installation	straight knurling and hexagon nut SW = 14 mm
Mating cycles	min. 100
Degree of protection	IP68 / IP69
Connector 2	
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, moving > 8 x cable diameter, fixed
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 1-A: brown Core 2-C: black Core 3-B: blue
Core construction	28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L 0.5 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	max. 10 m
Acceleration	max. 10 m/s ²
Mass	40.57 g
Material	
Halogen-free	yes
Connector 1	
Screw connection	Zinc diecast, nickel-plated
Body	TPU, black
Seal	FKM
Contact surface	Au
Flammability	V-2
Connector 2	
Body	PA, black
Contact surface	Ni
Flammability	V-0
Cable	
Sheathing	PUR based on polyether
Core insulation	PP
Salt water resistance	yes

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UV resistance	yes
Chemical resistance	good
Oil resistance	yes
Cooling lubricant resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

Connection Assignment

