



## Adapter cable

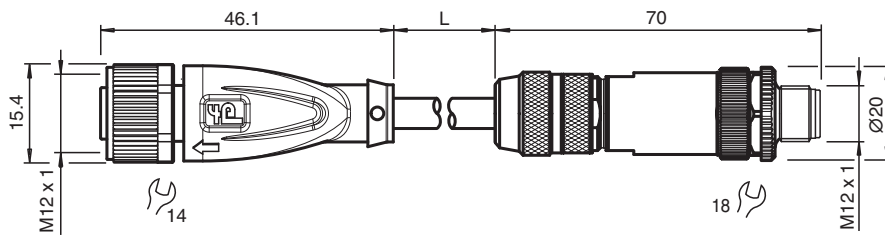
V1-G-BK15M-PUR-U/0,75-V1B-G-Y1

- Suitable for drag chains and abrasion resistant
- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- UV resistant
- UL listed for USA and Canada
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Adapter cable M12 socket straight A-coded 4-pin to M12 plug straight B-coded 4-pin, PUR cable black, UL approved, drag chain suitable



## Dimensions



## Technical Data

### General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		B-coded
Electrical specifications		
Operating voltage	$U_B$	max. 30 V AC/DC
Operating current	$I_B$	max. 2 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free		IEC 60754-1
Approvals and certificates		

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## Technical Data

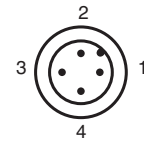
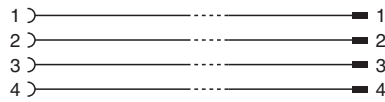
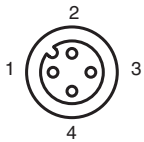
UL approval	AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2 (cable)	
UL File Number	E231213	
<b>Ambient conditions</b>		
Ambient temperature		
Connector 1	-40 ... 90 °C (-40 ... 194 °F)	
Connector 2	-40 ... 85 °C (-40 ... 185 °F)	
Cable, fixed	-40 ... 80 °C (-40 ... 176 °F)	
Cable, flexing	-20 ... 80 °C (-4 ... 176 °F)	
Pollution degree	3	
<b>Mechanical specifications</b>		
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		
Tightening torque	0.6 Nm	
Tool installation	straight knurling , hexagon nut SW = 18 mm	
Mating cycles	min. 50	
Degree of protection	IP67	
Cable		
Sheath diameter	6 mm	
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed	
Sheath stripping force	max. 50 N / 300 mm	
Sheath color	black (similar to RAL 9005)	
Number of cores	5	
Core cross section	0.34 mm <sup>2</sup>	
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey not used	
Core construction	42 x 0.15 mm Ø	
Length	L	15 m
Cable code	Li F 9Y 11Y 5 x 0,75	
Drag chain suitability		
Drag chain cycles	min. 2000000	
Motion velocity	max. 3.3 m/s	
Traverse distance	max. 5 m	
Acceleration	max. 5 m/s <sup>2</sup>	
Torsional stress	± 180 °/m	
<b>Material</b>		
Halogen-free	yes	
Connector 1		
Screw connection	Zinc diecast, nickel-plated	
Body	TPU, black	
Seal	FKM	
Contact surface	gold plated (Au)	
Flammability	V-2	
Connector 2		
Screw connection	Zinc diecast, nickel-plated	
Body	Zinc diecast, nickel-plated	
Contact surface	gold plated (Au)	

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## Technical Data

Cable		
Sheathing		PUR based on polyether
Core insulation		PP
UV resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment



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