



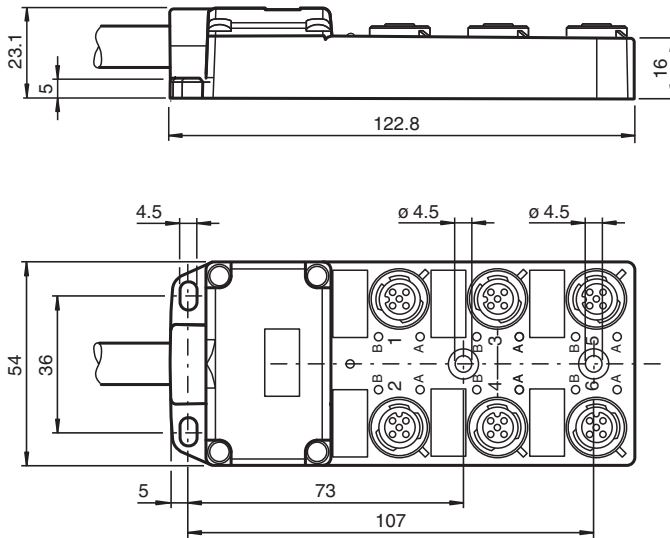
## Splitter boxes V1-6A-E2-5M-PUR

- LED indicator for module supply and I/O status
- UL Recognized Component
- Suitable for drag chains and abrasion resistant

6-way passive distributor with master cable



### Dimensions



### Technical Data

#### General specifications

Number of pins	4
UL File Number	E191152

#### Indicators/operating means

LED green	supply voltage each module
LED yellow	I/O status indication

#### Electrical specifications

Operating voltage	$U_B$	24 V DC, max. 30 V DC
Operating current	$I_B$	≤ 5 mA per channel indication element

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

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## Technical Data

Current loading capacity	≤ 2 A per channel, ≤ 4 A per plug-in station, ≤ 12 A total current per separator	
<b>Output</b>		
Number/Type	6	
<b>Compliance with standards and directives</b>		
Standard conformity		
Degree of protection	EN 60529	
Flammability	DIN EN 50265-2-1	
<b>Ambient conditions</b>		
Ambient temperature	housing: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) cable, fixed: -40 ... 90 °C (-40 ... 194 °F)	
<b>Mechanical specifications</b>		
Connection type	6 x socket M12 x 1 4-pin Master cable	
Degree of protection	IP65/IP67	
Material		
Contacts	Cu alloy	
Contact surface	Au	
Housing	PBT	
Threaded bushings	PBT	
Cable	PUR	
Seal	O-ring: NBR	
Core insulation	PVC	
Cable		
Sheath diameter	Ø 6.9 mm	
Bending radius	> 10 x cable diameter, moving > 7.5 x cable diameter, fixed	
Color	black	
Coors	Signal line (4): 4 x 0.34 mm <sup>2</sup> (AWG 22) Supply line (1, 3), PE (5): 3 x 0.75 mm <sup>2</sup> (AWG 18)	
Conductor construction	19 x 0.15 mm Ø and 42 x 0.15 mm Ø	
Length	L	5 m
Drag chain suitability		
Drag chain cycles	min. 1500000	
Motion velocity	max. 2 m/s	
Traverse distance	2 m	
Mass	approx. 540 g	

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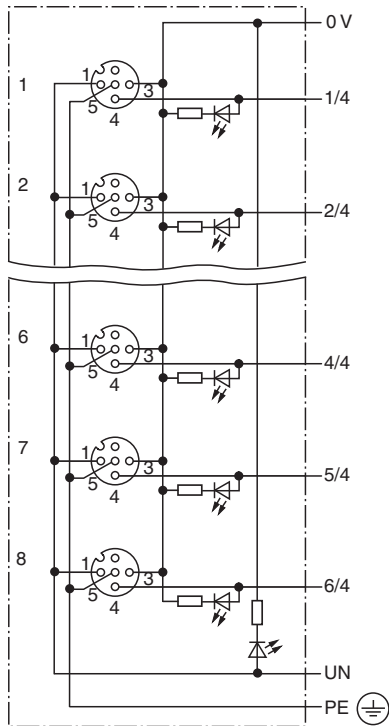
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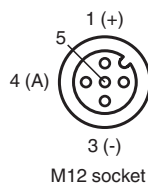
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Connection



Slot/Pin (signal)	Color
1 / 4 (A)	WH
2 / 4 (A)	GN
3 / 4 (A)	YE
4 / 4 (A)	GY
5 / 4 (A)	PK
6 / 4 (A)	RD
1-6 / 1 (UN)	BN
1-6 / 3 (0 V)	BU
1-6 / 5 (PE)	GN/YE



Accessories

	<b>MH 05-SACB-4</b>	Mounting aid for splitter boxes for DIN rail
	<b>MH V1-BIT M12</b>	plug-in cap M12
	<b>MH V1-SCREWDRIVER</b>	torque screwdriver (0.6 Nm)
	<b>VAZ-V1-B3L</b>	Blind plug for M12 sockets