



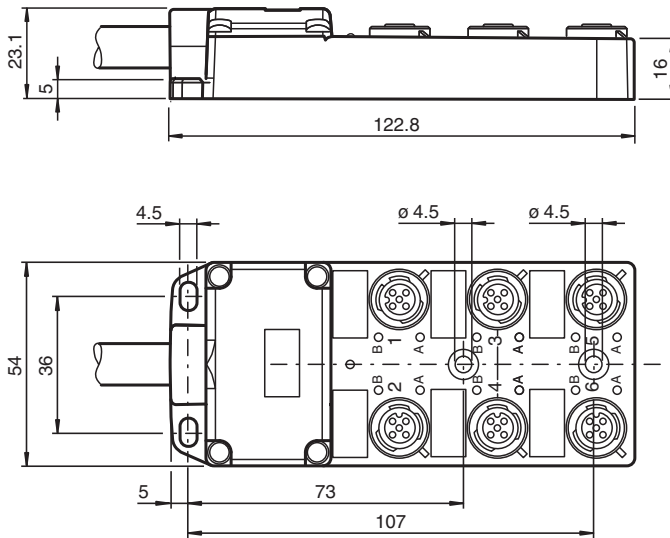
Splitter boxes V1-6A-E2-5M-PUR

- 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".

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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	
Output		
Number/Type	6	
Compliance with standards and directives		
Standard conformity		
Degree of protection	EN 60529	
Flammability	DIN EN 50265-2-1	
Ambient conditions		
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)	
Mechanical specifications		
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): 6 x 0.34 mm ² (AWG 22) Supply line (1, 3), PE (5): 3 x 0.75 mm ² (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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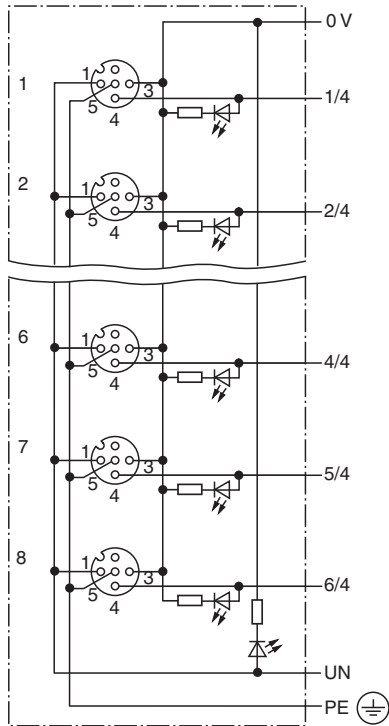
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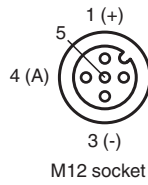
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Connection



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



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