



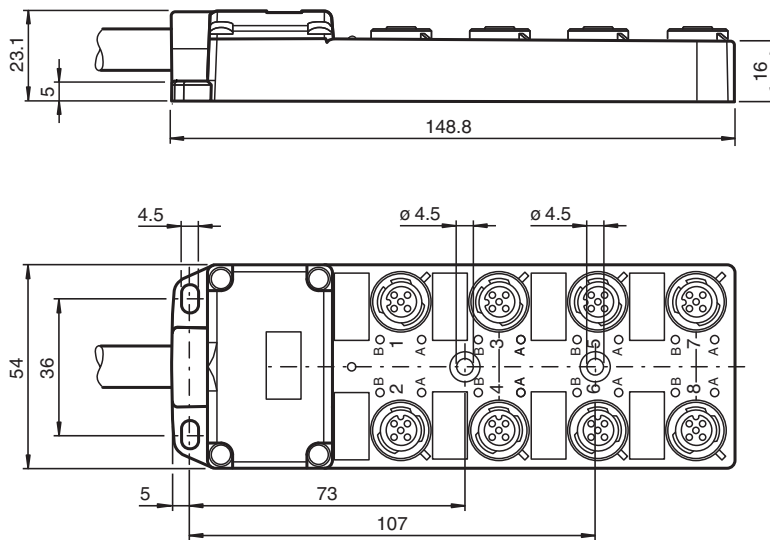
Splitter boxes V1-8/16A-E2-5M-PUR

- Twin communication of the plug-in stations
- UL Recognized Component
- Suitable for drag chains and abrasion resistant

Splitter box octuple, twin configuration, with trunk cable



Dimensions



Technical Data

General specifications

Number of pins	5
UL File Number	E191152

Indicators/operating means

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

Electrical specifications

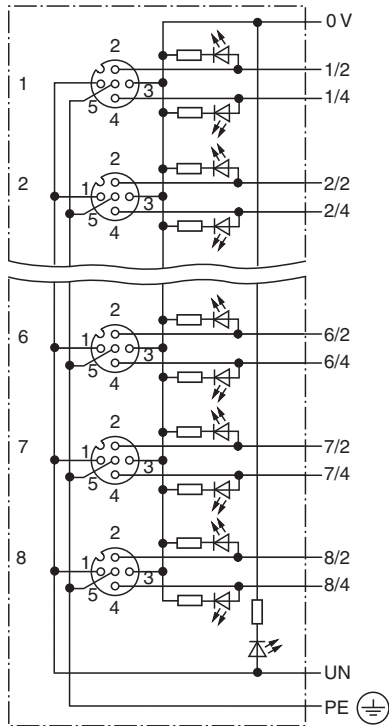
Operating voltage	U_B	max. 24 V DC -20 % / +25 %
Operating current	I_B	≤ 5 mA per channel indication element

Technical Data

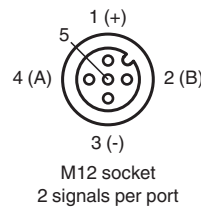
Current loading capacity	≤ 2 A per channel, ≤ 4 A per plug-in station, ≤ 12 A total current per separator	
Output		
Number/Type	8 , twin configuration	
Conformity		
Degree of protection	EN 60529	
Flammability	DIN EN 50265-2-1	
Ambient conditions		
Ambient temperature	housing: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) cable, fixed: -40 ... 90 °C (-40 ... 194 °F)	
Mechanical specifications		
Connection type	8 x socket M12 x 1 5-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	flexible	
Sheath diameter	Ø 10.5 mm	
Bending radius	> 10 x cable diameter, moving > 7.5 x cable diameter, fixed	
Color	black	
Cores	Signal line (2, 4): 16 x 0.5 mm ² Supply line (1, 3), PE (5): 3 x 1 mm ²	
Conductor construction	28 x 0.15 mm Ø and 56 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. 1152 g	
Flammability	V-0	

Release date: 2023-04-13 Date of issue: 2023-04-13 Filename: 259979_eng.pdf





Connection



Port/Pin (signal)	Color
1 / 4 (A)	WH
1 / 2 (B)	GY/PK
2 / 4 (A)	GN
2 / 2 (B)	RD/BU
3 / 4 (A)	YE
3 / 2 (B)	WH/GN
4 / 4 (A)	GY
4 / 2 (B)	BN/GN
5 / 4 (A)	PK
5 / 2 (B)	WH/YE
6 / 4 (A)	RD
6 / 2 (B)	YE/BN
7 / 4 (A)	BK
7 / 2 (B)	WH/GY
8 / 4 (A)	VT
8 / 2 (B)	GY/BN
1-8 / 1 (UN)	BN
1-8 / 3 (0 V)	BU
1-8 / 5 (PE)	GN/YE



Accessories

	MH 05-SACB-8	Mounting aid for splitter boxes for DIN rail
	MH V1-BIT M12	plug-in cap M12
	V15S-Y-V15/V15	Y-Splitter M12 plug to 2x M12 socket 5-pin A-coded
	VAZ-V1-B3L	Blind plug for M12 sockets

Release date: 2023-04-13 Date of issue: 2023-04-13 Filename: 259979_eng.pdf