



Model Number

V1-4A-E2-5M-PUR

Quadruple splitter box with M12 connector with basic cable

Features

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

Accessories

VAZ-V1-B3

Blind plug for M12 sockets

MH 05-SACB-4

Mounting aid for splitter boxes for DIN rail

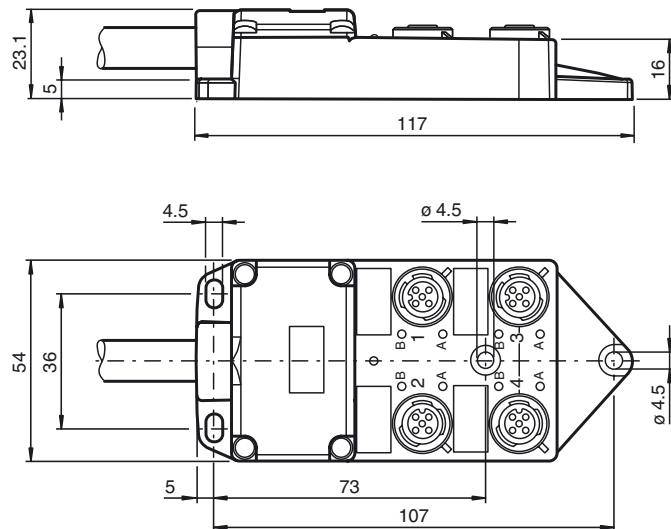
MH V1-BIT M12

plug-in cap M12

MH V1-SCREWDRIVER

torque screwdriver (0.6 Nm)

Dimensions



Technical data

General specifications

Number of pins	4
UL File Number	E191152

Electrical specifications

Operating voltage	U_B	24 V DC, max. 30 V DC
Operating current	I_B	≤ 5 mA per channel indication element
Current loading capacity		≤ 2 A per channel, ≤ 4 A per plug-in station, ≤ 12 A total current per separator

Output

Number/Type	4
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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)
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Mechanical specifications

Connection type	4 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	flexible
Sheath diameter	$\varnothing 6.9$ mm
Bending radius	> 10 x cable diameter, moving > 7.5 x cable diameter, fixed
Color	black
Cores	Signalling line (4): 4×0.34 mm ² (AWG 22) Supply line (1, 3), PE (5): 3×0.75 mm ² (AWG 18)
Conductor construction	19×0.15 mm $\varnothing$ and 42×0.15 mm $\varnothing$
Length	L 5 m
Drag chain suitability	
Drag chain cycles	≥ 1500000
Motion velocity	≤ 2 m/s
Traverse distance	2 m
Mass	approx. 540 g

Compliance with standards and directives

Standard conformity

Degree of protectionEN 60529
FlammabilityDIN EN 50265-2-1

Electrical connection

