



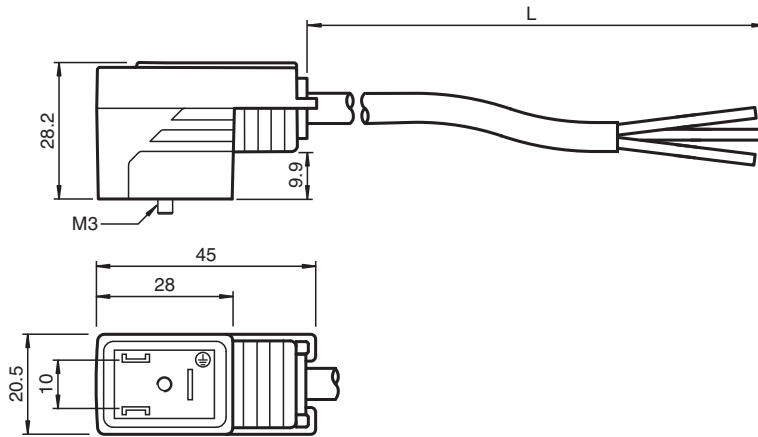
## Valve Connector Cordset VMB-2+P/Z2-5M-PUR

- Valve connector according EN 175301-803 A/ISO 4400
- Z diode as a protective circuit
- Built-in LED, as operating and function indicator
- Moulded seal
- Suitable for drag chains and abrasion resistant
- Flame resistant cable
- Halogen-free
- Oil resistant
- Immunity to vibration

Valve connector Form B, Z-diode LED 2-pin+PE, PUR cable black, drag chain suitable



### Dimensions



### Technical Data

General specifications			
Connector 1			
Connection			Valve connector DIN
Construction type			form B
Style			angled
Locking			screw connection
Number of pins			2 + PE
Connector 2			
Connection			cable end
Customization			sheath stripped 50 mm
Indicators/operating means			
LED yellow			Operating display
Electrical specifications			
Operating voltage	$U_B$		max. 24 V AC/DC
Operating current	$I_B$		max. 4 A
Suppression			Zener diode
Conformity			

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## Technical Data

Degree of protection	EN 60529
Plug connection	Valve connector : DIN EN 175301-803
Flammability	DIN VDE 0482 , DIN EN 50265-2-1 , UL 94
Halogen-free	DIN VDE 0472-815
UV resistance	DIN EN ISO 4892-2-A
Oil resistance	DIN EN 60811-2-1
<b>Ambient conditions</b>	
Ambient temperature	
Plug connector	-20 ... 85 °C (-4 ... 185 °F)
Cable, fixed installation	-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing	-20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3
<b>Mechanical specifications</b>	
Plug connector	
Tightening torque	0.6 Nm
Tool installation	screw M3 x 29
Mating cycles	min. 100
Degree of protection	IP65 / IP67
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	4.5 mm
Bending radius	> 10 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Sheath color	black (similar to RAL 7021)
Number of cores	3
Core cross section	0.5 mm <sup>2</sup>
Cores color	Core 1: black 1 Core 2: black 2 Core PE: green/yellow
Core construction	28 x 0.15 mm Ø
Length	L 5 m
Cable code	Li 9Y 11Y 3 x 0,50
Drag chain suitability	
Drag chain cycles	min. 15000000
Motion velocity	max. 5 m/s
Traverse distance	0.9 m
Acceleration	max. 30 m/s <sup>2</sup>
Mass	165 g
<b>Material</b>	
Halogen-free	yes
Plug connector	
Body	TPU, black
Seal	TPU , molded
Contact surface	Sn
Flammability	V-0
Cable	
Sheathing	PUR
Cores	bare copper (Cu)
Core insulation	PP
UV resistance	yes
Oil resistance	good
Flammability	V-0

## Connection

