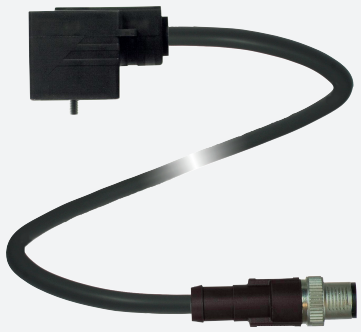


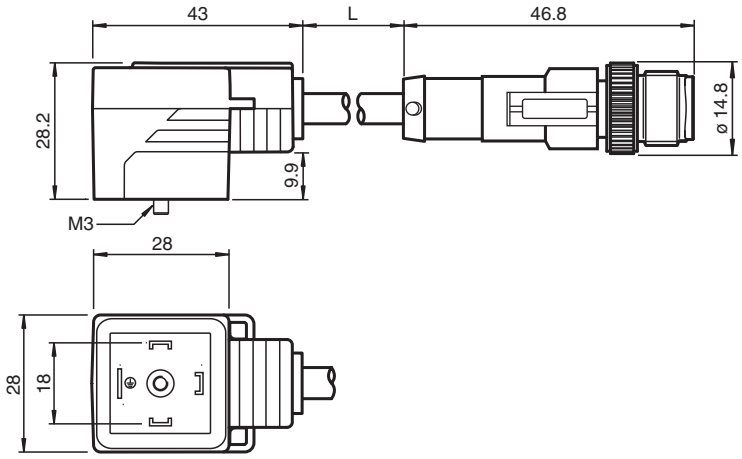
Valve Connector Cordset

VMA-3+P/L1-0,6M-PUR-V1-G

- Valve connector according EN 175301-803 A/ISO 4400
- Built-in LED, as operating and function indicator
- Suitable for drag chains and abrasion resistant
- Moulded seal
- Flame resistant cable
- Free of paint wetting interfering substances
- Completely halogen and silicon free
- Resistant to microbes and hydrolysis
- Oil resistant
- Immunity to vibration

Valve connector Form A, 3-pin+PE 2x LED to M12 plug straight A-coded 5-pin, PUR cable black, drag chain suitable

Dimensions



Technical Data

General specifications		
Connector 1		
Connection		Valve connector DIN
Construction type		form A
Style		angled
Locking		screw connection
Number of pins		3 + PE
Connector 2		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		5
Coding		A-coded
Indicators/operating means		
LED green		Operating display

Release date: 2025-02-09 Date of issue: 2025-02-10 Filename: 456869_eng.pdf

Technical Data

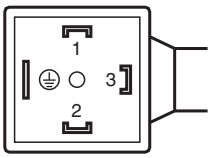
LED red		Functional display
Electrical specifications		
Operating voltage	U_B	24 V AC/DC
Operating current	I_B	max. 4 A
Conformity		
Degree of protection		EN 60529
Plug connection		Valve connector : DIN EN 175301-803 connector M12 x 1 : IEC 61076-2-101
Flammability		UL 94
Halogen-free		DIN VDE 0472-815
UV resistance		DIN EN ISO 4892-2-A
Oil resistance		DIN EN 60811-2-1
Ambient conditions		
Ambient temperature		
Connector 1		-20 ... 85 °C (-4 ... 185 °F)
Connector 2		-25 ... 90 °C (-13 ... 194 °F)
Cable, fixed installation		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Connector 1		
Tightening torque		0.6 Nm
Tool installation		screw M3 x 29
Mating cycles		min. 100
Connector 2		
Tightening torque		0.6 Nm
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP65 / IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		5.3 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		5
Core cross section		0.5 mm^2
Cores color		Core 1-1: black Core 2-2: black Core 3-4: black Core 2-3/3-3: black Core PE-5: green/yellow
Core construction		28 x 0.15 mm Ø
Length	L	0.6 m
Cable code		Li 9Y 11Y 5 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^2
Mass		58 g
Material		
PWIS free		yes
Halogen-free		yes
Connector 1		
Body		TPU, black

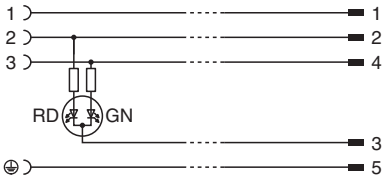
Release date: 2025-02-09 Date of issue: 2025-02-10 Filename: 456869_eng.pdf

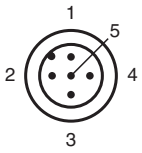
Technical Data

Seal		TPU , molded
Contact surface		Sn
Flammability		V-0
Connector 2		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Ni/Au
Flammability		HB
Cable		
Sheathing		PUR
Cores		bare copper (Cu)
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		good
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		V-0

Connection







Release date: 2025-02-09 Date of issue: 2025-02-10 Filename: 456869_eng.pdf