



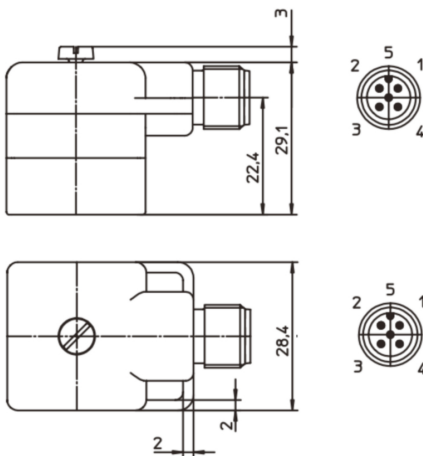
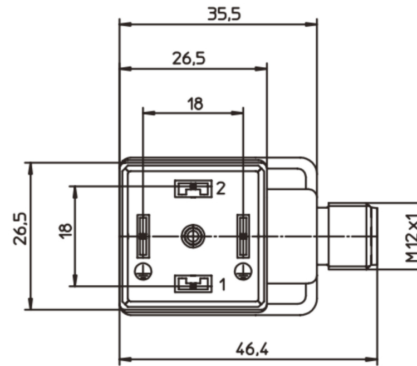
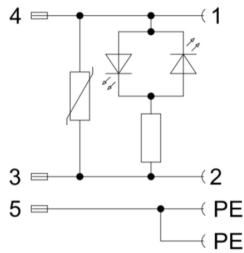
Product: [VAD 1A-1-3-M12-5](#)

M12 actuator cordset, single-ended, 2-poles, male straight connector with LED function indicator, 0.4 m PUR halogen-free cable, black translucent jacket, unshielded.

Product Description

M12 actuator cordset, single-ended, 2-poles, male straight connector with LED function indicator, 0.4 m PUR halogen-free cable, black translucent jacket, unshielded.

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Valve Connectors
Side 1 Product Sub Family:	VAD
Brand:	Lumberg Automation
Connector Type:	Adaptor
Side 1 Type of Contact/Gender:	Female Valve to M12 Male
Connector Design:	Molded Form A Female Angled
Number of Pins:	2
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Central Screw
Voltage Rating:	32 V
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	24 V AC/DC
Current Rating:	4 A
Side 1 Contact Resistance:	≤ 5 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	50
Ambient Temperature (Operation)*:	-25°C to +80°C
Protection Degree / IP Rating**:	IP65
Side 1 Design Standard:	DIN EN 175301-803-A
Side 1 Pollution Degree:	3
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Side 1 Contact Plating:	Cu/Ni,Sn
Contact Bearer Material:	PBT
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPU
Molded Body Color:	Translucent
Flammability Class (Molded Body):	UL 94 HB
Housing Material:	M12: CuZn, nickel plate
Attachment Material:	Steel, Philips combi slot
Gasket Material:	Molded Integrated Gasket

Protection Circuitry

Function Indicator:	Yellow LED
Protective Circuit:	Varistor

Additional Technical Data

Fastening Torque (Attachment):	(50-60) Ncm
Accessories to Order Separately:	934887001 - GAN EPDM gasket and holding clip

Cable Data

Number of Wires:	3
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Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	no
Oil Resistance:	Good chemical and oil resistance

Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

Variants

Item #	Item Description
12141	VAD 1A-1-3-M12-5
800000012	VAD 1A-1-3-M12-5

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