Data sheet

SAIL-VSBD-180-M12G-3.0U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration



Weidmüller can supply valve plugs as connecting lines with M8/M12 plugs and one end without connector. The status of the valve plug is shown by an LED. The valve plugs have a protective circuit. The Weidmüller range includes valve plugs of type A, B and C to DIN and industry standards. Protection class IP 67 is fulfilled when screwed in. The outlet direction is also a decisive factor, therefore Weidmüller offers different versions.

General ordering data

Version	Valve cable (assembled), Straight plug - valve plug, DIN design B (10 mm) / M12 = A-coded, M12 = A, Cable length: 3 m, PUR, black
Order No.	2751060300
Type	SAIL-VSBD-180-M12G-3.0U
GTIN (EAN)	4064675006664
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2027-02-28T00:00:00+01:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	116 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	6ef4f442-4200-442c-9896-7fd648ce3c59

Technical specifications for cable

Cable length	3 m	Sheathing colour	black
PE function	Yes	Suitable for cable carriers	Yes
Core cross-section	0.5 mm²	Shielded	No
Halogen	No	Insulation	PP
Acceleration	5 m/s²	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Bending cycles	2 Mio
Speed	200 m/s	Sheath material	PUR
Welding spark resistance	No	Colour coding	brown, blue, Green/yellow
Torsion resistance	0 °/m	Temperature range, stationary	-50...80 °C
Resistant to welding beads	No	Temperature range, moving	-25...80 °C
Number of poles	3 (2 + PE)	Outside diameter	4.6 mm ± 0.2 mm

General technical data

Coding	DIN design B (10 mm) / M12 = A-coded, M12 = A	Connection thread	Miscellaneous
LED	Yes	Version	Straight plug - valve plug
Insulation resistance	109 Ω	Contact material	CuZn
Nominal voltage	24 V	Nominal current	4 A
Protection degree	IP67, when screwed in	Threaded ring material	Nickel-plated CuZn
All valve plugs are fitted with protective circuits	Zener diode	Temperature range of housing	-25...+80 °C

Plug, left

Plug left	connector, Valve plug, DIN design B (10 mm), Number of poles: 3, IP67, female contact, angled 0°, with protective circuit: Zener diode, LED yellow, unshielded	Contact surface plug left	tinned

Plug, right

Plug right	connector, M12, A-coded, Number of poles: 5, IP67,	Contact surface plug right	Gold-plated

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Technical data

	male contact, straight, unshielded

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-12
ECLASS 15.0	27-06-03-12		

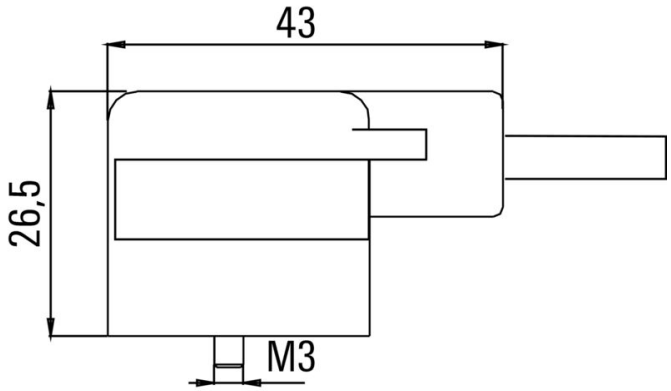
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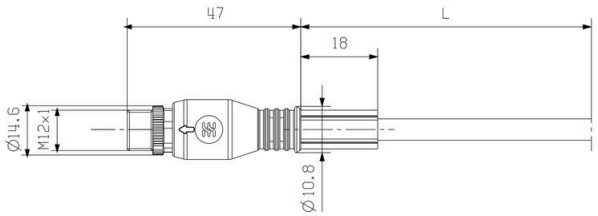
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Drawings

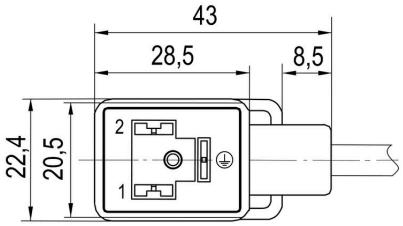
Dimensioned drawing



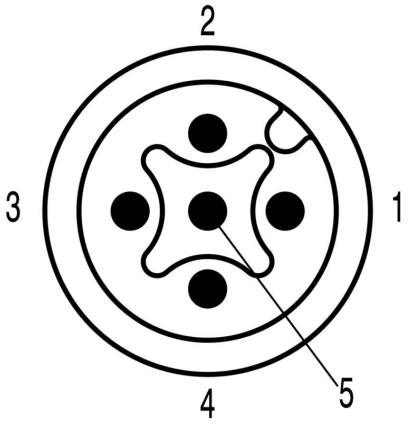
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

