

## SAIL-VSBD-M12G-10U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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www.weidmueller.com



Weidmüller can supply valve plugs as connecting lines with M12 plugs and one end without connector. The status of the valve plug is shown by an LED. Every valve plug is fitted with a protective circuit. The Weidmüller range includes valve plugs of type A, B and C to DIN and industry standards. In the plugged condition they achieve IP 67 class of protection. The outlet direction is also a decisive factor: Weidmüller can also supply 0° versions, i.e. the cable outlet direction is located at the PE contact.

### General ordering data

Type	SAIL-VSBD-M12G-10U
Order No.	<a href="#">9457781000</a>
Version	Valve plug, Straight plug - valve plug, BD
GTIN (EAN)	4032248229215
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight 325 g

**Temperatures**

Operating temperature range, max.	80 °C	Operating temperature range, min.	-25 °C
Operating temperature, max.	80 °C	Operating temperature, min.	-25 °C

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

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

**General technical data**

Version	Straight plug - valve plug	Connection thread	Miscellaneous
Coding	DIN design B (10 mm), M12 = A	Protection degree	IP67, when screwed in
Contact surface	tinned	LED	Yes
Rated voltage	24 V	Rated current	4 A
Temperature range of housing	-25...+80 °C	Tightening torque	Mounting screw M3: 0.4 Nm, M12: 0.8 - 1.2 Nm

All valve plugs are fitted with protective circuits  
Zener diode

**Classifications**

ETIM 3.0	EC001855	ETIM 4.0	EC001855
ETIM 5.0	EC001855	ETIM 6.0	EC001855
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-01
eClass 6.2	27-27-92-18	eClass 7.1	27-06-91-90
eClass 8.1	27-06-91-90	eClass 9.0	27-06-03-12
eClass 9.1	27-06-03-11		

**Approvals**

Approvals



ROHS Conform

**Data sheet**

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**Technical data**

**Downloads**

Brochure/Catalogue [FL FIELDWIRING EN](#)

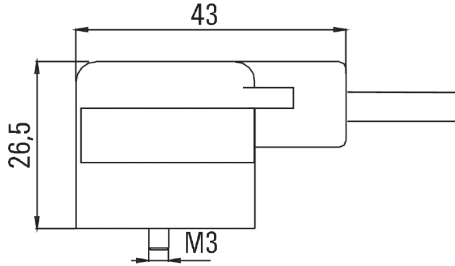
**Data sheet**

**SAIL-VSBD-M12G-10U**

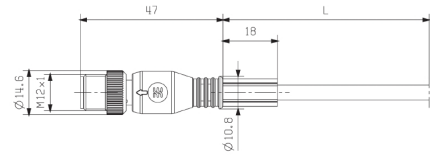
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**Drawings**

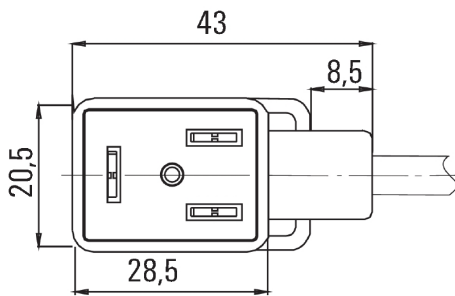
**Dimensioned drawing**



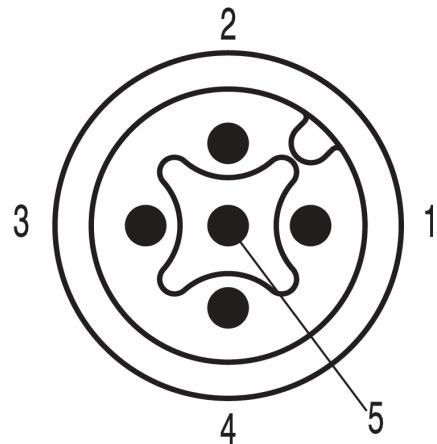
**Dimensioned drawing**



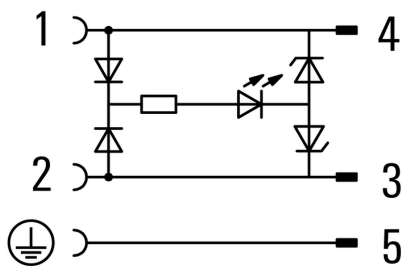
**Pole scheme**



**Pole scheme**



**Wiring diagram**



**24V<sub>AC/DC</sub> \_4A**