

SAIL-VSB-M12G-1.2U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Valve plug, Straight plug - valve plug, B
Order No.	9457680120
Type	SAIL-VSB-M12G-1.2U
GTIN (EAN)	4032248229109
Qty.	1 pc(s).

Creation date March 16, 2023 1:30:45 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 71 g

Temperatures

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

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	2 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	1.2 m	Colour coding	brown, blue, Green/yellow
Core cross-section	0.5 mm ²	Halogen	No
Insulation	PP	Number of poles	3
Outside diameter	4.6 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	black
Shielded	No	Speed	200 m/min
Suitable for cable carriers	Yes	Temperature range, moving	-25...80 °C
Temperature range, stationary	-50...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

General technical data

All valve plugs are fitted with protective circuits	Zener diode	Coding	Industrial design B (11 mm), M12 = A
Connection thread	Miscellaneous	Contact surface	tinned
LED	Yes	Protection degree	IP67, when screwed in
Rated current	4 A	Rated voltage	24 V
Temperature range of housing	-25...+80 °C	Tightening torque	Mounting screw M3: 0.4 Nm, M12: 0.8 - 1.2 Nm
Version	Straight plug - valve plug		

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ECLASS 9.0	27-06-03-12
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-12
ECLASS 11.0	27-06-03-12	ECLASS 12.0	27-06-03-12

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Approvals

Approvals



ROHS Conform

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Data sheet

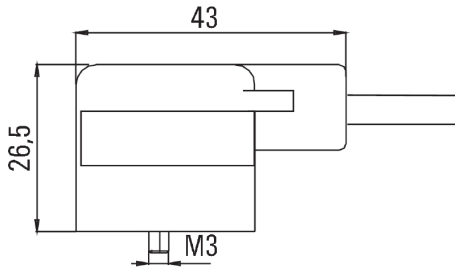
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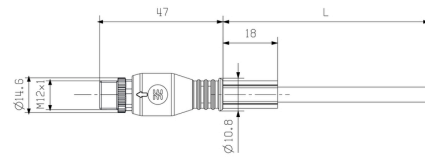
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Drawings

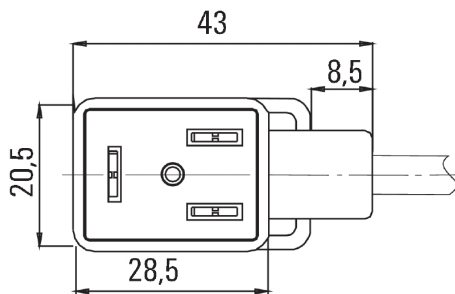
Dimensioned drawing



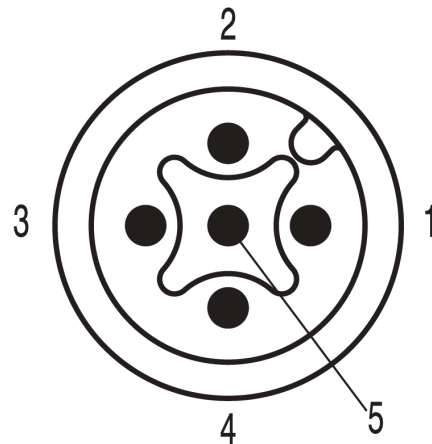
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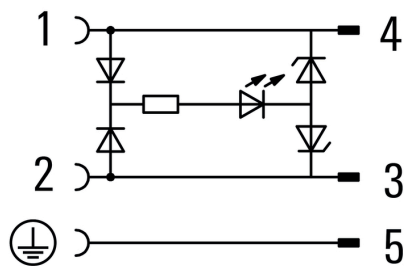
Pole scheme



Pole scheme



Wiring diagram



24V_{AC/DC}_4A