SAIL-VSC-M12G-3.0U

Weidmüller Interface GmbH & Co. KG
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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-VSC-M12G-3.0U
Order No.	9457400300
Version	Valve plug, Straight plug - valve plug, C
GTIN (EAN)	4008190316587
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	118 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 mm²
Outside diameter	4.6 ± 0.2 mm	Cable length	3 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/s²	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	Industrial design C (9.4 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	EAC
ROHS	Conform

Creation date May 28, 2019 12:58:36 AM CEST

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Technical data

Downloads

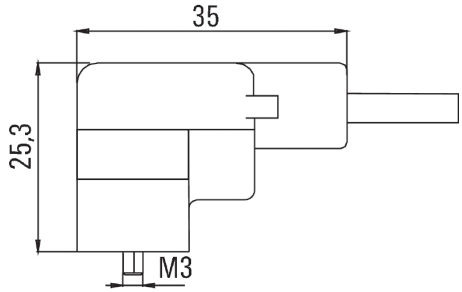
Brochure/Catalogue	FL FIELDWIRING EN

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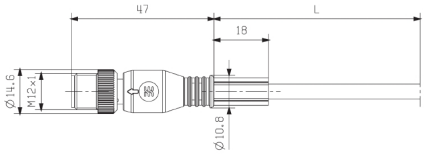
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Drawings

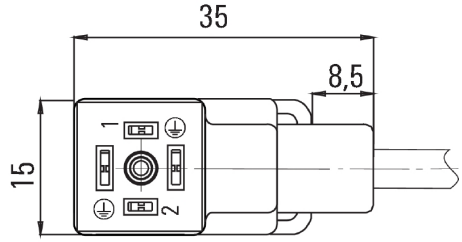
Dimensioned drawing



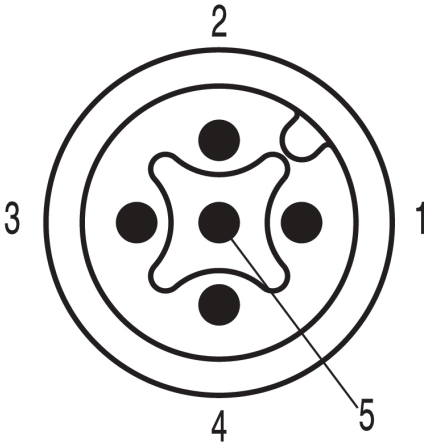
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

