Data sheet

SAIL-VSA-DS-M12G-5.0U

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

www.weidmueller.com



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, Design A (18 mm), M12 = A-coded, Cable length: 5 m, PUR, black
Order No.	1316550500
Type	SAIL-VSA-DS-M12G-5.0U
GTIN (EAN)	4050118119794
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	224 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	7baf363e-d867-435e-844e-c01f32ebf146

Technical specifications for cable

Cable length	5 m	Sheathing colour	black
PE function	Yes	Suitable for cable carriers	Yes
Core cross-section	0.34 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	3 Mio
Speed	200 m/min	Sheath material	PUR
Cable length configurable	No	Welding spark resistance	No
Colour coding	blue, brown, Green/yellow, black, white	Torsion resistance	0 °/m
Temperature range, stationary	-40...90 °C	Resistant to welding beads	No
Temperature range, moving	-30...90 °C	Number of poles	4 (3 + PE)
Outside diameter	5.2 mm ± 0.2 mm		

General technical data

Coding	Design A (18 mm), M12 = A-coded	Connection thread	Miscellaneous
Contact surface	tinned	LED	Yes
Version	Straight plug - valve plug	Housing main material	TPU
Contact material	CuZn	Nominal voltage	24 V
Nominal current	4 A	Protection degree	IP67, when screwed in
Pollution severity	3	Threaded ring material	Nickel-plated CuZn
Temperature range of housing	-25...+80 °C	Tightening torque	Mounting screw M3: 0.4 Nm, M12: 1.0 Nm

Plug, left

Plug left	connector, Valve plug, Design A (18 mm), Number of poles: 4, IP67, female contact, angled 0°, LED yellow and green, unshielded

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Technical data

Plug, right

Plug right	connector, M12, A-coded, Number of poles: 5, IP67, 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		

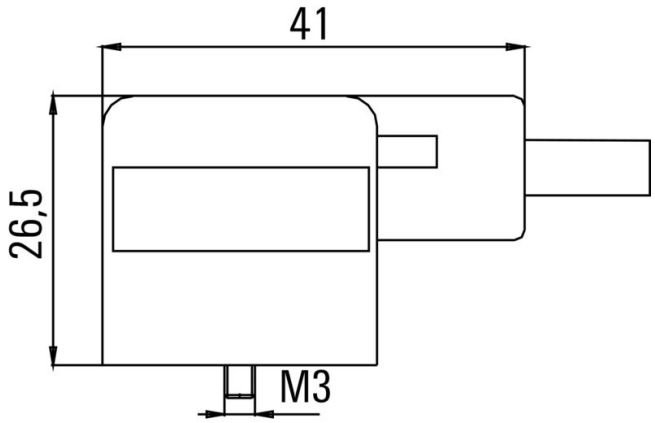
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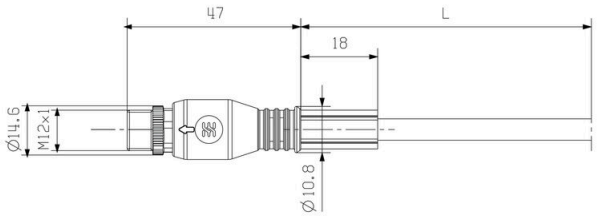
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Drawings

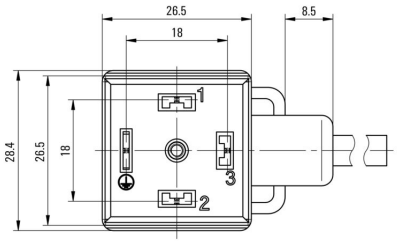
Dimensioned drawing



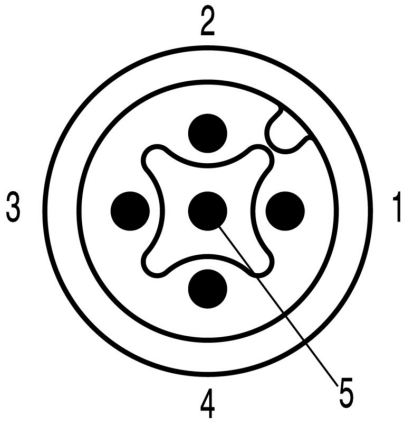
Dimensioned drawing



Pole scheme



Pole scheme



Wiring

