Data sheet

SAIE-M12B-CD-1.0U

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

www.weidmueller.com



Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

General ordering data

Version	Built-in plugs, M12, Female socket, straight, PG 9, Number of poles: 5, 1 m
Order No.	1436710100
Type	SAIE-M12B-CD-1.0U
GTIN (EAN)	4050118244458
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	80 g

Temperatures

Ambient temperature	-25 °C...85 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	bd63baef-8092-4596-90c7-5b4daa22710b

Technical specifications for cable

Cable length	1 m	Sheathing colour	violet
PE function	No	Core cross-section	0.34 mm²
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Strand / cable length	1 m	Sheath material	PUR halogen-free
Colour coding	red, black, white, blue	Number of poles	5

Technical data customisable plug-in connectors

Number of poles	5	Coding	A-coded
Contact surface	Gold-plated	Housing main material	zinc diecast nickel-plated
Insulation resistance	≥ 108 Ω	Cable diameter, max.	7.5 mm
Cable diameter, min.	6.9 mm	Contact material	CuSn
Nominal voltage	125 V	Nominal current	4 A
Protection degree	IP68	Pollution severity	3
Cable gland	PG 9	Shield connection	Yes
Threaded ring material	Diecast zinc, nickel-plated	Temperature range of housing	-40 ... +85 ° C

Standards

Connector standard	IEC 61076-2-101

Classifications

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

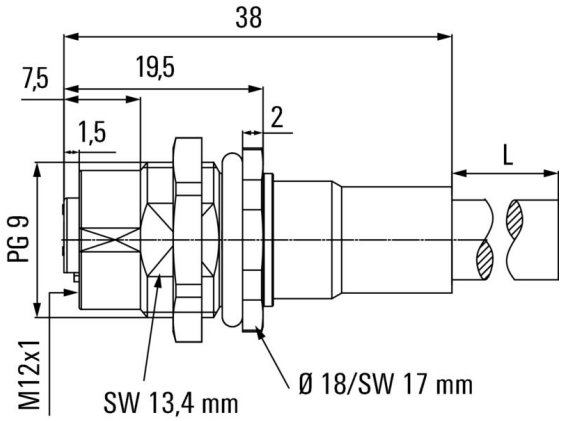
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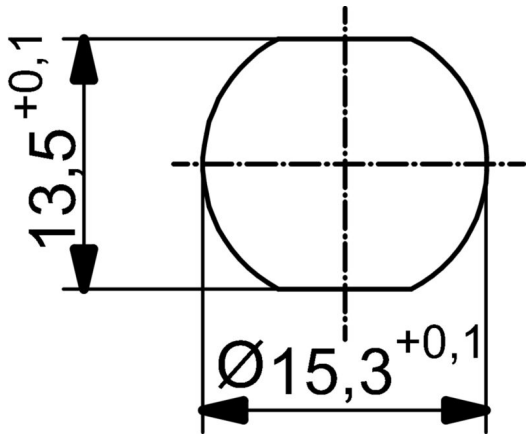
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Drawings

Dimensioned drawing



Detailed drawing



Wiring diagram

