Data sheet

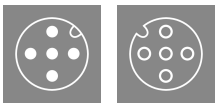
SAIL-M12GM12G-CD-0.5TV

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

www.weidmueller.com

Similar to illustration





The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNetTM, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 5, 0.5 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2493720050
Type	SAIL-M12GM12G-CD-0.5TV
GTIN (EAN)	4050118506112
Qty.	1 items

Data sheet

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Technical data

Approvals

Approvals	

Dimensions and weights

Diameter	6.9 mm	Net weight	60 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	0.5 m	Sheathing colour	violet
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Shielded	Yes	Halogen	No
Insulation	TPE	Acceleration	3 m/s²
Bending cycles	2.5 Mio	Wire cross section (Print/Online)	2 x 0,67 mm² + 2 x 0,38 mm²
Speed	180 m/s	Sheath material	PUR
Configurable cable length	No	Welding spark resistance	Yes
Colour coding	white, blue, red, black	Torsion resistance	360 °/m
Temperature range, stationary	-40...80 °C	Resistant to welding beads	Yes
Temperature range, moving	-25...80 °C	Number of poles	5

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	Male pin, straight - Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100 (M12)
Pollution severity	3	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25...+80 °C
Tightening torque	M12: 0.8 - 1.2 Nm		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	30 V

General standards

Connector standard	IEC 61076-2-101

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Technical data

Plug, left

Plug left	M12, A-coded, IP67, male contact, straight, Plastic, shielded

Plug, right

Plug right	M12, A-coded, IP67, female contact, straight, Plastic, shielded

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

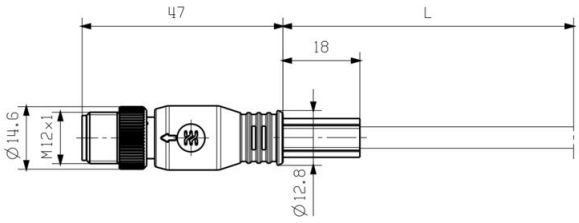
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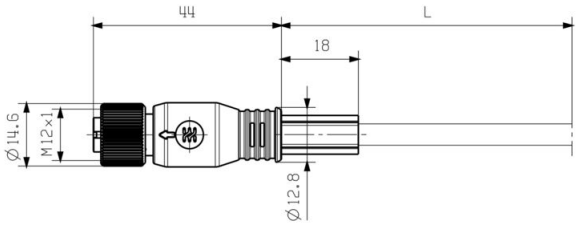
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Drawings

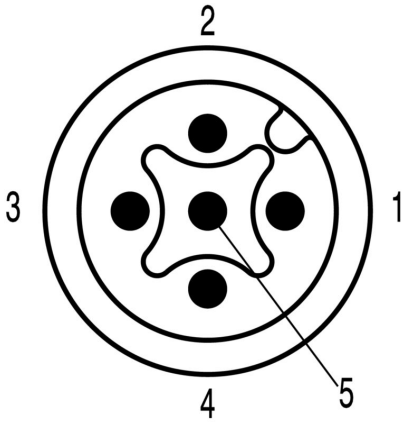
Dimensioned drawing



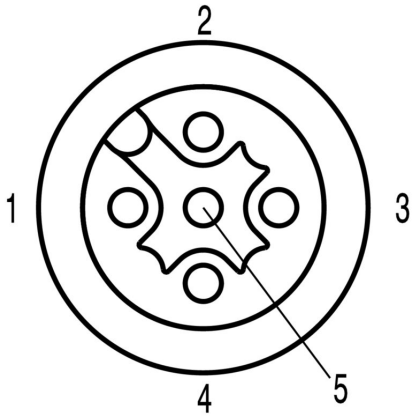
Dimensioned drawing



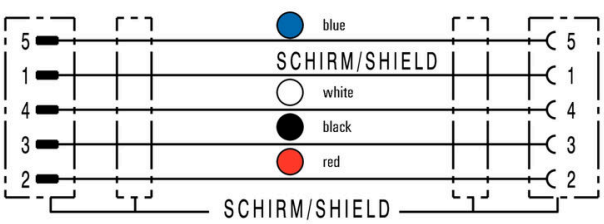
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

