

**SAIL-M12GM12SG-CD-0.1A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, DeviceNet™, Ether-CAT and Ethernet.

**General ordering data**

Version	Bus line, Connecting line, M12 / M12, Number of poles: 5, 0.1 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1217040010</a>
Type	SAIL-M12GM12SG-CD-0.1A
GTIN (EAN)	4050118474213
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Length	0.1 mm	Length (inches)	0.0039 inch
Net weight	29 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-fd555fbf5cb55

### Technical specifications for cable

Cable length	0.1 m	Sheathing colour	violet
Suitable for cable carriers	Yes	Core cross-section	0.34 mm <sup>2</sup>
Number of wires	5	Shielded	Yes
Halogen	No	Insulation	PE
Acceleration	7 m/s <sup>2</sup>	Bending radius, min., moving	10 x cable diameter
Bending cycles	5 Mio	Wire cross section (Print/Online)	2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup>
Resistance to spread of flame	in accordance with IEC 60332-1-2, In accordance with UL1581 UL/ CUL FT1	Speed	180 m/min
Sheath material	PUR	Configurable cable length	No
Hybrid cable	Yes	Irradiation crosslinked	No
Welding spark resistance	No	Colour coding	red, black, white, blue
Resistant to welding beads	No	Temperature range, moving	-20...80 °C
Number of poles	5	Outside diameter	6.9 mm ± 0.3 mm

### General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	Male, straight - male, straight	Housing main material	PUR
Contact material	CuZn35PB2	Nominal voltage	125 V
Nominal current	4 A	Protection degree	IP67
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+85 °C	Tightening torque	M12: 0.8 - 1.2 Nm

### Electrical properties

Nominal voltage	125 V
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**Technical data**

**General standards**

Connector standard	IEC 61076-2-101
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**Plug, left**

Plug left	M12, A-coded, Number of poles: 5, male contact, straight, plug, shielded
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**Plug, right**

Plug right	M12, A-coded, Number of poles: 5, male contact, straight, plug, shielded
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**Classifications**

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		

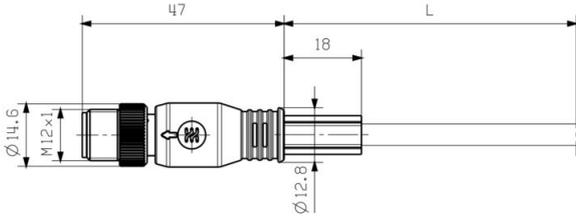
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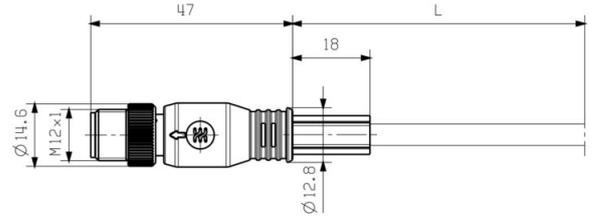
Drawings

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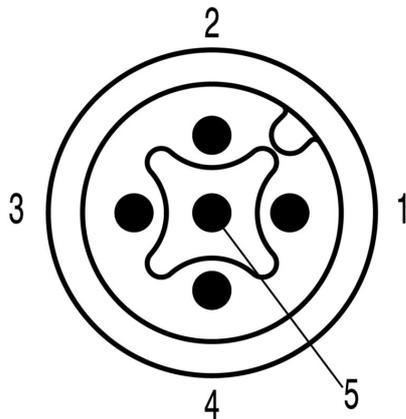
Dimensioned drawing



Stift gerade

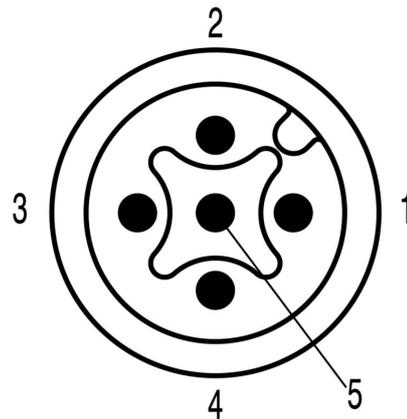


Pole scheme



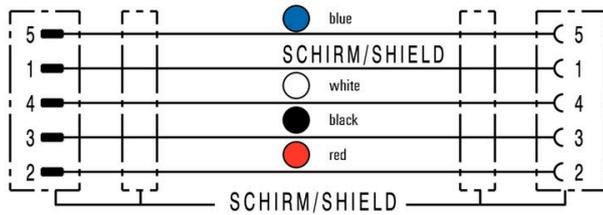
Stift

Pole scheme



# Drawings

## Wiring diagram



## The ideal tool: Screwty® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F