

## SAIL-M12WM12G-CD-10A

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 10 m, pin, angled - bush straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1062101000</a>
Type	SAIL-M12WM12G-CD-10A
GTIN (EAN)	4032248811861
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

Length	10 mm	Length (inches)	0.3937 inch
Net weight	644 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	10 m	Sheathing colour	violet
Resistance to oils	EN 50363-10-2	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	pin, angled - bush 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...+80 °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	Certificate no. (cULus)	E307231
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**Plug, left**

Plug left	M12, A-coded, Number of poles: 5, IP67, male contact, angled 0°, plug, shielded
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**Plug, right**

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

Dimensioned drawing



Male, angled



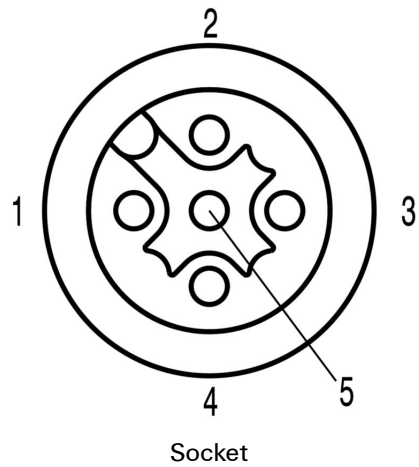
Straight socket

Pole scheme



Pin

Pole scheme



Socket

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**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