

**SAIL-M12GM12W-CD-10A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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™, EtherCAT and Ethernet.

**General ordering data**

Type	SAIL-M12GM12W-CD-10A
Order No.	<a href="#">1061991000</a>
Version	Bus line, Connecting line, M12 / M12, Number of poles: 5, 10 m, pin, straight - socket, 90°deg., Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248811724
Qty.	1 pc(s).

Creation date May 1, 2020 2:18:35 PM CEST

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**Technical data****Dimensions and weights**

Net weight 623 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	5	Wire cross section	2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup>
Outside diameter	7 mm ± 0.3 mm	Cable length	10 m
Shielded	Yes	Insulation	TPE
Colour coding	white, blue, red, black	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Suitable for cable carriers	Yes
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s <sup>2</sup>	Speed	180 m/min
Bending cycles	3 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

**General technical data**

Version	pin, straight - socket, 90°deg;	Connection thread	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	125 V	Rated current	4 A
Insulation strength	10 <sup>8</sup> Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

**Standards**

Certificate no. (cULus) E307231

**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08
eClass 10.0	27-06-03-08		

**Approvals**

Approvals



ROHS

Conform

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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## Technical data

### Downloads

Brochure/Catalogue	<a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

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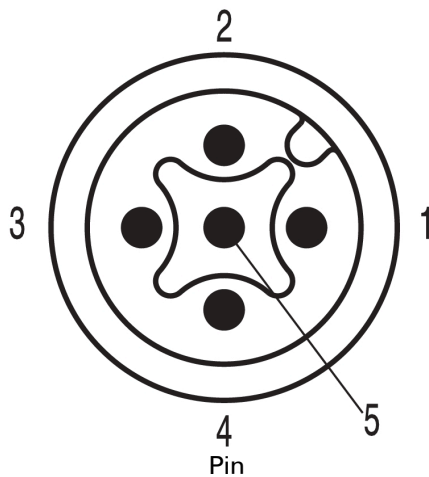
## Drawings

### Dimensioned drawing

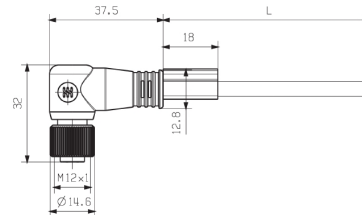


Male, straight

### Pole scheme

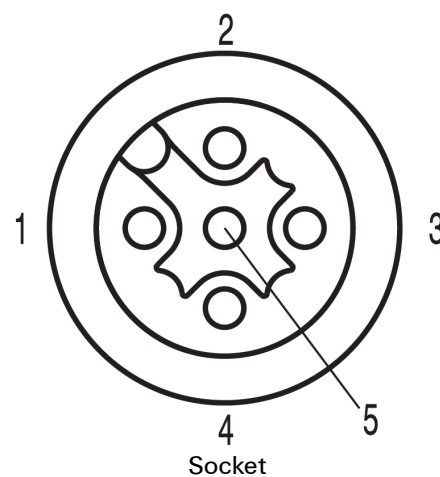


### Dimensioned drawing

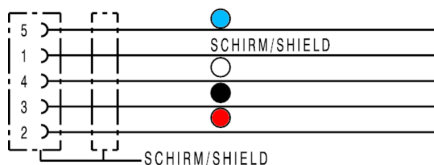


Socket angled

### Pole scheme



### 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