

SAIL-M12GM12W-PB-5.0D

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-PB-5.0D
Order No.	1062310500
Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 5 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248812370
Qty.	1 pc(s).

Creation date May 1, 2020 2:39:07 PM CEST

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

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Technical data

Dimensions and weights

Net weight 367 g

Temperatures

Storage temperature, min. -40 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	2	Wire cross section	PUR 0.25 mm ² / PVC 0.34 mm ²
Outside diameter	7.8 mm ± 0.2 mm	Cable length	5 m
Shielded	Yes	Insulation	TPE
Colour coding	red, green	Sheath material	PUR
Sheathing colour	violet	Halogen	No
Temperature range, moving	-20...60 °C	Temperature range, stationary	-40...70 °C
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Suitable for cable carriers	Yes
Bending radius, min., stationary	7.5 x cable diameter	Bending radius, min., moving	12 x cable diameter
Acceleration	5 m/s ²	Speed	3 m/s
Bending cycles	2 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

General technical data

Version	pin, straight - socket, 90°	Connection thread	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	B	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	250 V	Rated current	4 A
Insulation strength	10 ⁸ 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		

Data sheet**SAIL-M12GM12W-PB-5.0D****Weidmüller Interface GmbH & Co. KG**
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Approvals



ROHS

Conform

Downloads

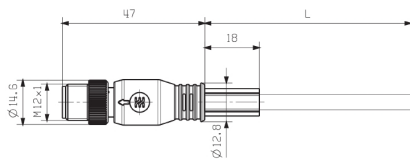
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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Drawings

Dimensioned drawing



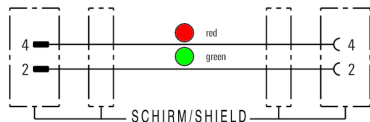
Male, straight

Pole scheme

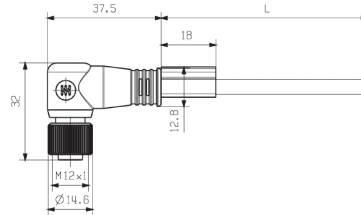


Pin

Wiring diagram

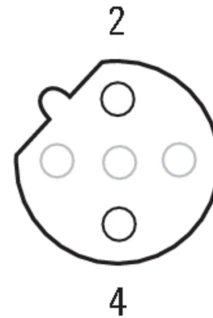


Dimensioned drawing



Socket angled

Pole scheme



Socket

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