

SAIL-M12G-PB-3.0D

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-M12G-PB-3.0D
Order No.	1873300300
Version	Bus line, One end without connector, M12, Number of poles: 2, 3 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248497409
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	241 g
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Temperatures

Storage temperature, min.	-40 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	3 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	Connection thread	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
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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	UNSPSC	26-12-16-13

Data sheet**SAIL-M12G-PB-3.0D**

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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

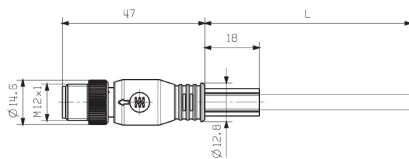
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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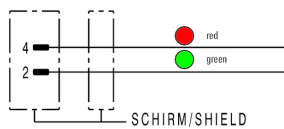
Drawings

Dimensioned drawing

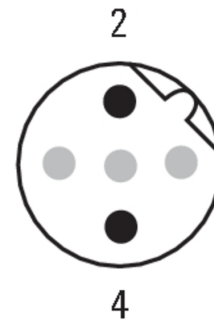


Male, straight

Wiring diagram



Pole scheme



Pin

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