

SAIL-M12WM12W-PB-5.0D**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™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 5 m, pin, 90° - socket 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1062330500
Type	SAIL-M12WM12W-PB-5.0D
GTIN (EAN)	4032248812486
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	5 m	Length (inches)	196.8504 inch
Net weight	393 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	5 m	Sheathing colour	violet
Resistance to oils	No	Suitable for cable carriers	Yes
Core cross-section	0.24 mm ²	Number of wires	2
Shielded	Yes	Halogen	No
Insulation	PE	Bending radius, min., moving	8 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Bending cycles	3 Mio
Resistance to spread of flame	in accordance with IEC 60332-2, IEC 60754-2	Sheath material	PUR
Cable length configurable	No	Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)
Type is hybrid cable	No	Irradiation crosslinked	No
Welding spark resistance	No	Core cross-section AWG	AWG 24
Colour coding	green, red	Temperature range, stationary	-35...80 °C
Resistant to welding beads	No	Temperature range, moving	-10...50 °C
Number of poles	2	Outside diameter	8 mm ± 0.2 mm

General technical data

Coding	B-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, 90° - socket 90°	Housing main material	PUR
Insulation resistance	109 Ω	Contact material	CuZn35PB2
Nominal voltage	250 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance	109 Ω	Nominal voltage	250 V
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www.weidmueller.com**Technical data****General standards**

Certificate no. (cULus)	E307231
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Plug, left

Plug left	M12, B-coded, Number of poles: 2, male contact, angled 0°, plug, shielded
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Plug, right

Plug right	M12, B-coded, Number of poles: 2, female contact, angled 0°, 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		

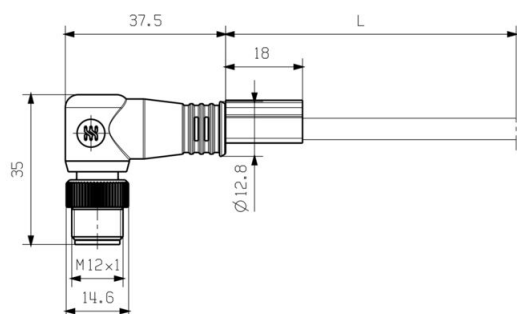
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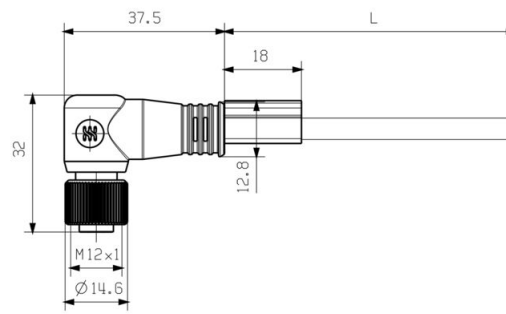
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Drawings

Dimensioned drawing

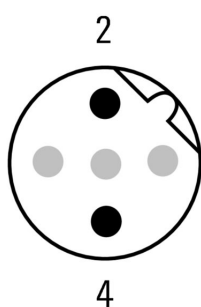


Male, angled



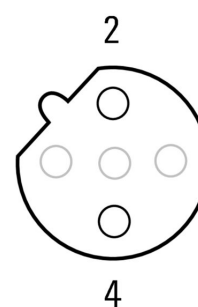
Socket angled

Pole scheme



Pin

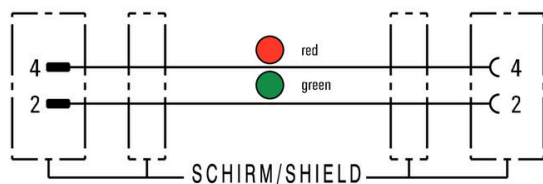
Pole scheme



Socket

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