SAIL-M12WM12W-PB-3.0D

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, 3 m, pin, 90° - socket 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1062330300
Type	SAIL-M12WM12W-PB-3.0D
GTIN (EAN)	4032248812479
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	260 g

Technical specifications for cable

Acceleration	5 m/s²	Bending cycles	2 Mio
Bending radius, min., moving	12 x cable diameter	Bending radius, min., stationary	7.5 x cable diameter
Cable length	3 m	Colour coding	red, green
Configurable cable length	No	Core cross-section AWG	AWG 24
Halogen	No	Hybrid cable	No
Insulation	TPE	Irradiation crosslinked	No
Number of poles	2	Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)
Outside diameter	7.8 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	violet
Shielded	Yes	Speed	3 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-20...60 °C
Temperature range, stationary	-40...70 °C	Welding spark resistance	No
Wire cross section (Print/Online)	PUR 0.25 mm² / PVC 0.34 mm²		

General technical data

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

Electrical properties

Rated voltage	250 V

General standards

Certificate no. (cULus)	E307231

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Technical data

Plug

Plug	Cable side	left
	Version of contact face	M12
	Coding of plug	B-coded
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	angled 90°
	Housing main material	Plastic
	Shielding available	Yes
	Cable side	right
	Version of contact face	M12
	Coding of plug	B-coded
	Protection degree (IP)	IP67
	Gender of contact	female contact
	Outlet direction	angled 90°
	Housing main material	Plastic
	Shielding available	Yes
Plug left	M12, B-coded, IP67, male contact, angled 90°, Plastic, shielded	
Plug right	M12, B-coded, IP67, female contact, angled 90°, Plastic, shielded	

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27060308

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

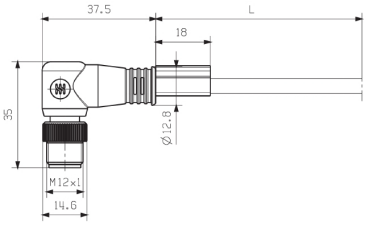
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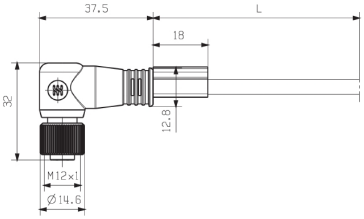
Drawings

Dimensioned drawing



Male, angled

Dimensioned drawing



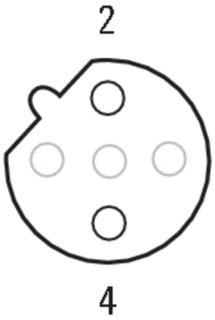
Socket angled

Pole scheme



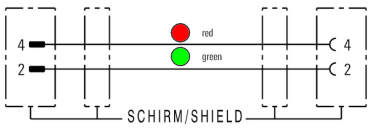
Pin

Pole scheme



Socket

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

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