

SAIL-M12WM12W-CD-3.0B

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: 5, 3 m, pin, 90°; - socket 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1062210300
Type	SAIL-M12WM12W-CD-3.0B
GTIN (EAN)	4032248812127
Qty.	1 pc(s).

Creation date March 13, 2023 11:37:20 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 230 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	3 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	3 m	Colour coding	white, blue, red, black
Configurable cable length	No	Halogen	Yes
Hybrid cable	No	Insulation	PVC
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style	2571 (80 °C)	Outside diameter	7 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	violet	Shielded	Yes
Speed	180 m/min	Suitable for cable carriers	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Welding spark resistance	No	Wire cross section (Print/Online)	2 x 0.34 mm ² + 2 x 0.22 mm ²

General technical data

Coding	A	Connection thread	M12 / M12
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	125 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 125 V

General standards

Certificate no. (cULus) E307231

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd555fbf5cb55

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Technical data**Approvals**

Approvals



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

Downloads

Engineering Data	WSCAD
Product Change Notification	20221115 Technical change to CANopenDeviceNet cord sets and cables 20221115 Technische Änderung zu CANopenDeviceNet Leitungen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

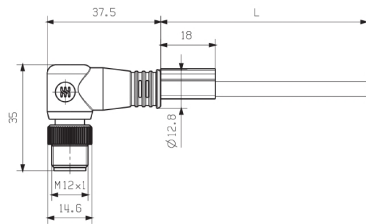
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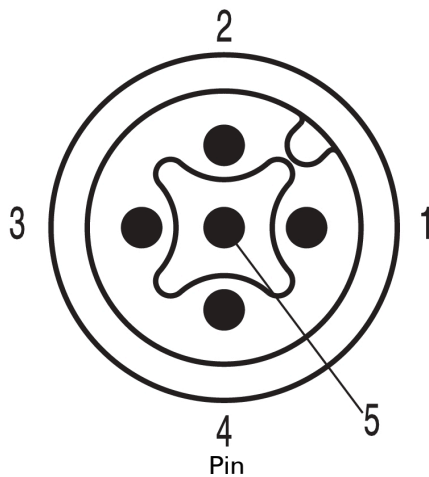
Drawings

Dimensioned drawing

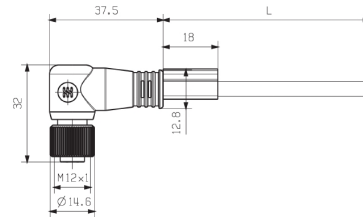


Male, angled

Pole scheme

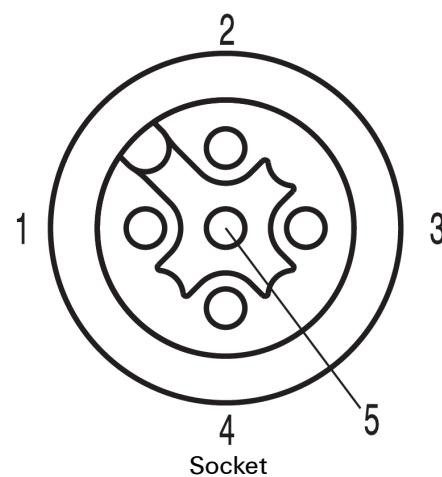


Dimensioned drawing

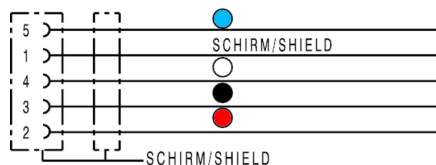


Socket angled

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