

SAIL-M12BG-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, One end without connector, M12, Number of poles: 5, 3 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1060120300
Type	SAIL-M12BG-CD-3.0B
GTIN (EAN)	4032248809011
Qty.	1 pc(s).

Creation date January 19, 2022 11:30:41 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 214 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

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	black	Shielded	Yes
Speed	180 m/min	Suitable for cable carriers	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
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
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	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	Female socket, straight	jumpered	No

Electrical propertiesInsulation strength 10⁸ Ω 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		

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E307231

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

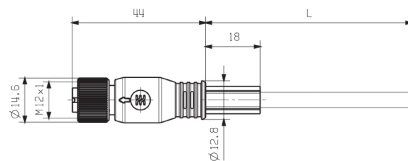
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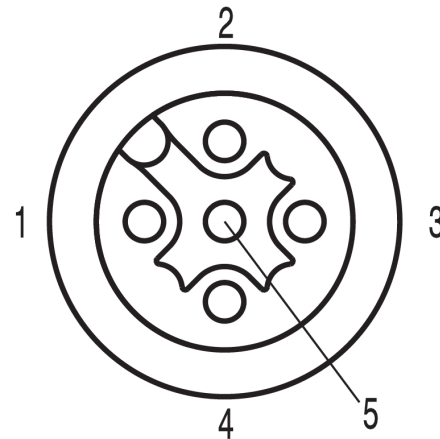
Drawings

Dimensioned drawing



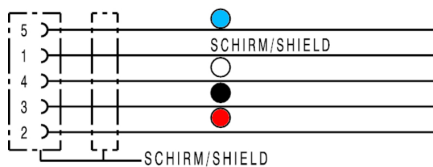
Socket

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

Mouser Electronics

Authorized Distributor

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