

SAIL-M12BG-CD-1.5A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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-M12BG-CD-1.5A
Order No.	1964690150
Version	Bus line, One end without connector, M12, No. of poles: 5, 1.5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248650002
Qty.	1 pc(s).

SAIL-M12BG-CD-1.5A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data**Dimensions and weights**

Net weight	108 g
------------	-------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Technical specifications for cable

Number of poles	5	Wire cross section	2 x 0.34 mm ² + 2 x 0.22 mm ²
Outside diameter	7 ± 0.3 mm	Cable length	1.5 m
Shielded	Yes	Insulation	TPE
Colour coding	white, blue, red, black	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Suitable for cable carriers	Yes
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s ²	Speed	180 m/min
Bending cycles	3 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

General technical data

Version	Female socket, straight	Connection thread	M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	125 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
-------------------------	---------

Classifications

ETIM 3.0	EC001855	ETIM 4.0	EC001855
ETIM 5.0	EC001855	ETIM 6.0	EC002599
UNSPSC	26-12-16-13	eClass 5.1	27-06-91-90
eClass 6.2	27-06-03-07	eClass 7.1	27-06-91-90
eClass 8.1	27-06-91-90	eClass 9.0	27-06-03-08
eClass 9.1	27-06-03-08		

SAIL-M12BG-CD-1.5A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

[CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)

Engineering Data

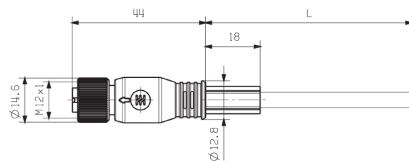
[EPLAN, WSCAD](#)

SAIL-M12BG-CD-1.5A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

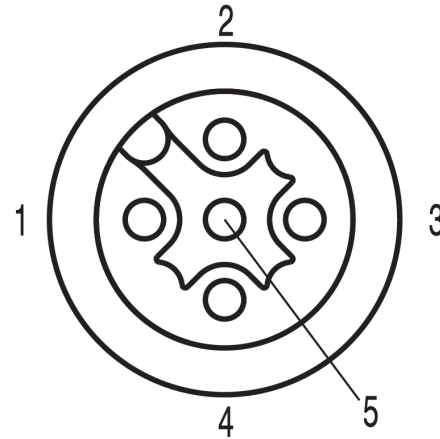
Drawings

Dimensioned drawing



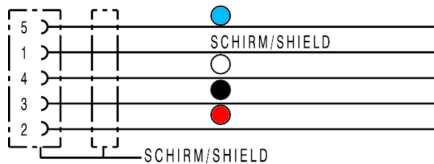
Socket

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