

SAIL-M12GM12SG-CD-20A**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, 20 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1217042000
Type	SAIL-M12GM12SG-CD-20A
GTIN (EAN)	4050118593921
Qty.	1 pc(s).

Creation date April 15, 2021 12:32:04 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	1,000 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	20 m	Colour coding	white, blue, red, black
Configurable cable length	No	Halogen	No
Hybrid cable	No	Insulation	TPE
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Outside diameter	7 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Speed	180 m/min	Suitable for cable carriers	Yes
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Wire cross section	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
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
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	125 V
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Cable structure

Colour coding	white, blue, red, black	Insulation	TPE
Sheathing colour	black		

Electrical properties of cable

Insulation strength	10 ⁸ Ω	Rated current	4 A
Speed	180 m/min		

Mechanical and material properties of cable

Acceleration	5 m/s ²	Bending cycles	3 Mio
Halogen	No	Speed	180 m/min

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www.weidmueller.com**Technical data****Plug, right**

Contact surface

Gold-plated

Housing main material

PUR

Plugging cycles

≥ 100

Classifications

ETIM 6.0

EC001855

ETIM 7.0

EC001855

ECLASS 9.0

27-06-03-11

ECLASS 9.1

27-06-03-11

ECLASS 10.0

27-06-03-11

ECLASS 11.0

27-06-03-11

Approvals

ROHS

Conform

Downloads

Engineering Data

[STEP](#)

Brochure/Catalogue

[Catalogues in PDF-format](#)

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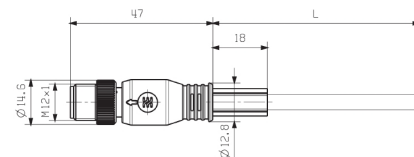
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Drawings

Dimensioned drawing

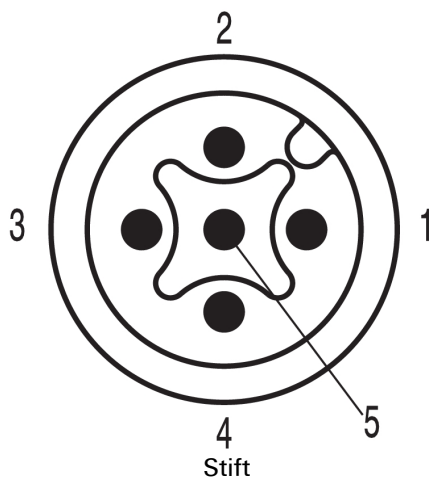


Dimensioned drawing

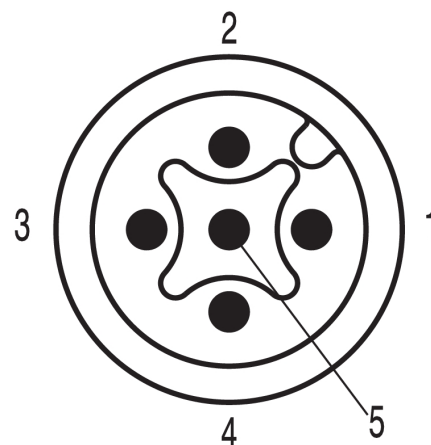


Stift gerade

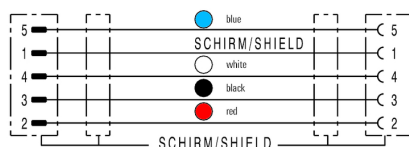
Pole scheme



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