

SAIL-M12WM8W-4-3.0V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, Connecting line, M12 / M8, Number of poles : 4, 3 m, pin, 90° - socket 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1938220300
Type	SAIL-M12WM8W-4-3.0V
GTIN (EAN)	4032248611805
Qty.	1 items

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Technical data**Approvals**

Approvals



ROHS

Conform

Dimensions and weights

Net weight

116 g

Environmental Product Compliance

RoHS Compliance Status

Compliant with exemption

RoHS Exemption (if applicable/known)

6c

REACH SVHC

Lead 7439-92-1

SCIP

1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length

3 m

Suitable for cable carriers

No

Shielded

No

Insulation

PVC

Configurable cable length

No

Irradiation crosslinked

No

Colour coding

brown, white, blue, black

Temperature range, stationary

-30...80 °C

Temperature range, moving

-5...80 °C

Outside diameter

4.8 mm ± 0.2 mm

Sheathing colour

black

Core cross-section

0.25 mm²

Halogen

Yes

Sheath material

PVC

Outer cladding in accordance with UL AWM style

2464 (80 °C / 300 V)

Welding spark resistance

No

Torsion resistance

0 °/m

Resistant to welding beads

No

Number of poles

4

General technical data

Coding

M12 = A-coded, M8 = none

Contact surface

Gold-plated

Version

pin, 90°deg; - socket 90°deg;

Insulation resistance

108 Ω

Nominal current

4 A

Plugging cycles

≥ 100

jumpered

No

Temperature range of housing

-25...+85 °C

Connection thread

M12 / M8

LED

No

Housing main material

PUR

Nominal voltage

30 V

Protection degree

IP67, IP68, when fully mounted, IP65, IP66

Pollution severity

3

Threaded ring material

Diecast zinc

Tightening torque

M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance

108 Ω

Nominal voltage

30 V

General standards

Connector standard

IEC 61076-2-101, IEC 61076-2-104

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www.weidmueller.com**Technical data****Standards**

Connector standard	IEC 61076-2-101, IEC 61076-2-104
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Plug, left

Plug left	M12, A-coded, IP69, male contact, angled 90°, Plastic, unshielded
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Plug, right

Plug right	M8, IP69, female contact, angled 90°, Plastic, LED, unshielded
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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

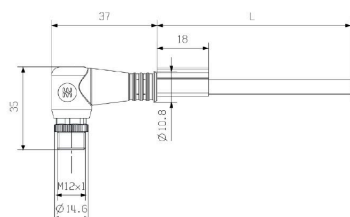
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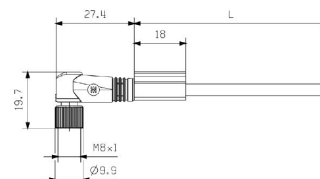
Drawings

Dimensioned drawing



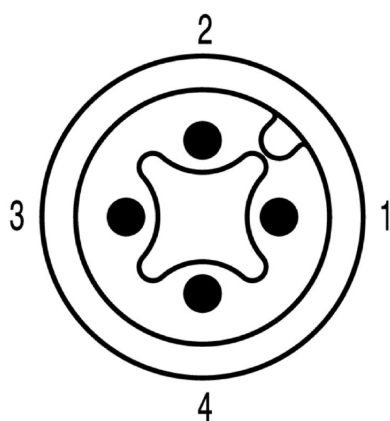
Male, angled

Dimensioned drawing



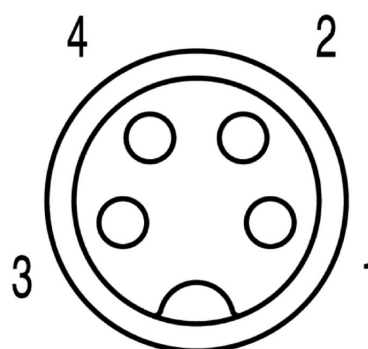
Angled socket

Pole scheme



Male

Pole scheme



Socket

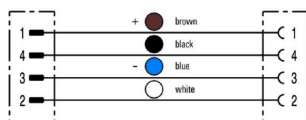
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Drawings

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