

**SAIL-M12BW-4-3.0UGE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, One end without connector, M12, Number of poles : 4, 3 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1092960300</a>
Type	SAIL-M12BW-4-3.0UGE
GTIN (EAN)	4032248865765
Qty.	1 items

## SAIL-M12BW-4-3.0UGE

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## Technical data

## Approvals

Approvals



ROHS

Conform

## Dimensions and weights

Net weight

100.32 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

Resistance to oils

in accordance with IEC  
60811:404

Core cross-section

0.34 mm<sup>2</sup>

Halogen

No

Acceleration

5 m/s<sup>2</sup>

Bending radius, min., stationary

5 x cable diameter

Resistance to spread of flame

In accordance with  
UL1581 UL / CUL FT2,  
in accordance with IEC  
60332-2-2

Sheath material

PUR

LABS-free

Yes

Outer cladding in accordance with UL  
AWM style

20549 (80 °C / 300 V)

Irradiation crosslinked

No

Colour coding

brown, white, blue, black

Temperature range, stationary

-40...80 °C

Bending cycles at torsion

&gt; 5 Mio.

Length of torsion

1 m

Outside diameter

4.7 mm ± 0.2 mm

Sheathing colour

yellow

Suitable for cable carriers

Yes

Shielded

No

Insulation

PP

Bending radius, min., moving

10 x cable diameter

Bending cycles

5 Mio

Speed

5 m/s

Configurable cable length

No

Hydrolysis and microbe resistant

Yes

Core in accordance with UL AWM style

10493 (80 °C / 300 V)

Welding spark resistance

No

Torsion resistance

360 °/m

Resistant to welding beads

No

Temperature range, moving

-25...80 °C

Number of poles

4

## General technical data

Coding

A-coded

Contact surface

Gold-plated

Version

Socket, angled

Insulation resistance

108 Ω

Nominal current

4 A

Plugging cycles

≥ 100

jumped

No

Temperature range of housing

-25...+85 °C

Connection thread

M12

LED

No

Housing main material

PUR

Nominal voltage

250 V

Protection degree

IP67, IP68, when screwed  
in, IP65, IP66

Pollution severity

3

Threaded ring material

Brass, nickel-plated

Tightening torque

M12: 0.8 - 1.2 Nm

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Insulation resistance	108 Ω	Nominal voltage	250 V
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**General standards**

Connector standard	IEC 61076-2-101
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**Standards**

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

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

Plug right	free conductor end
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**Classifications**

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

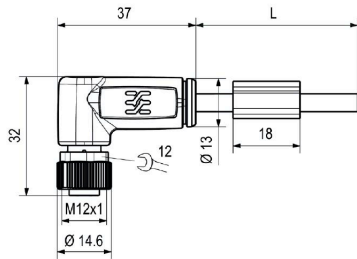
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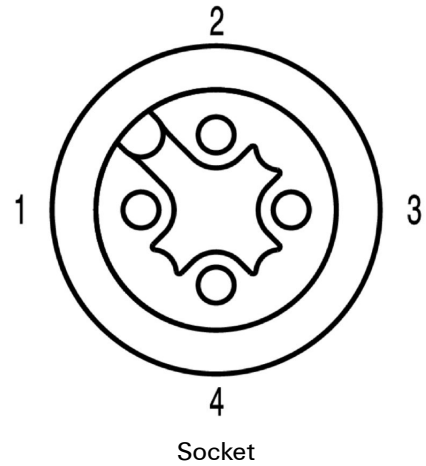
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# Drawings

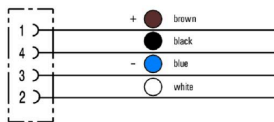
## Dimensioned drawing



## 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

