

## SAIL-M12GM12G-8S30U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference. Is there something you have not managed to find or you feel needs explanation? Talk to us!

### General ordering data

Type	SAIL-M12GM12G-8S30U
Order No.	<a href="#">1279463000</a>
Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 8, 30 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118623437
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight 1,737 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	8	Core cross-section	0.25 mm <sup>2</sup>
Outside diameter	6.3 mm ± 0.2 mm	Cable length	30 m
Shielded	Yes	Insulation	PP
Colour coding	blue, red, white, brown, green, yellow, grey, pink	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Suitable for cable carriers	Yes
Torsion resistance	360 °/m	Bending radius, min., stationary	5 x cable diameter
Bending radius, min., moving	12 x cable diameter	Acceleration	5 m/s <sup>2</sup>
Speed	100 m/min	Bending cycles	1 mill.
Resistant to welding beads	No	Configurable cable length	No

**General technical data**

Connection thread	M12 / M12	Housing main material	PUR
Threaded ring material	Brass, nickel-plated	Coding	A
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	30 V
Rated current	2 A	Insulation strength	10 <sup>8</sup> 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 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		

**Approvals**

Approvals



ROHS

Conform

**SAIL-M12GM12G-8S30U**

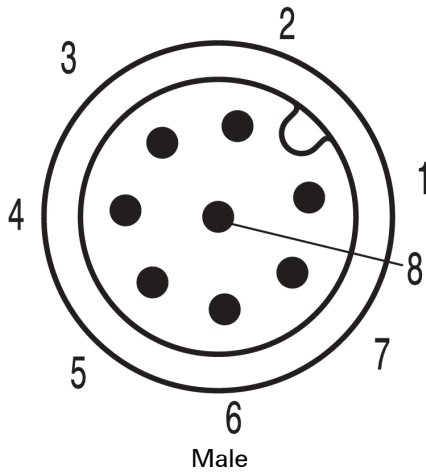
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**Drawings**

**Dimensioned drawing**

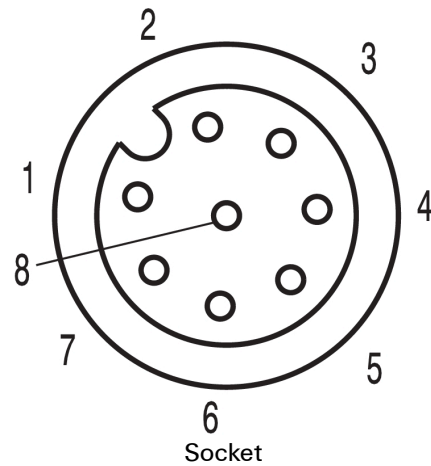
**Dimensioned drawing**

**Pole scheme**



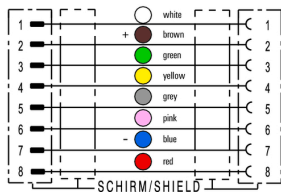
**Straight socket**

**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