

SAIL-M12GM12W-5-0.1U**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 / M12, Number of poles : 5, 0.1 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	9457270010
Type	SAIL-M12GM12W-5-0.1U
GTIN (EAN)	4064675634386
Qty.	1 items

SAIL-M12GM12W-5-0.1U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals	CE; UKCA
ROHS	Conform

Dimensions and weights

Net weight	15 g
------------	------

Technical specifications for cable

Cable length	0.1 m	Sheathing colour	black
Resistance to oils	Yes	Suitable for cable carriers	Yes
Core cross-section	0.34 mm ²	Number of wires	5
Shielded	No	Halogen	No
Insulation	PP	Acceleration	5 m/s ²
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Bending cycles	12 Mio	Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2
Speed	3.3 m/s	Sheath material	PUR
Cable length configurable	No	LABS-free	Yes
Hydrolysis and microbe resistant	Yes	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Hybrid cable	No
Irradiation crosslinked	No	Colour coding	brown, white, blue, black, grey
Torsion resistance	180 °/m	Temperature range, stationary	-50...80 °C
Resistant to welding beads	No	Bending cycles at torsion	> 5 Mio.
Temperature range, moving	-25...60 °C	Length of torsion	1 m
Number of poles	5		

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, 90°	Housing main material	PUR
Insulation resistance	108 Ω	Contact material	Copper alloy
Nominal voltage	60 V	Nominal current	4 A
AF size	12 mm	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Plugging cycles	≥ 100	Pollution severity	3
Threaded ring material	Diecast zinc		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	60 V
-----------------------	-------	-----------------	------

General standards

Connector standard	IEC 61076-2-101
--------------------	-----------------

Standards

Connector standard	IEC 61076-2-101
--------------------	-----------------

SAIL-M12GM12W-5-0.1U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Plug left

M12, A-coded, Number
of poles: 5, male contact,
straight, plug, unshielded**Plug, right**

Plug right

M12, A-coded, Number of
poles: 5, female contact,
angled 0°, plug, unshielded**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