SAIL-M12GM12G-4S1.5U

Weidmüller Interface GmbH & Co. KG
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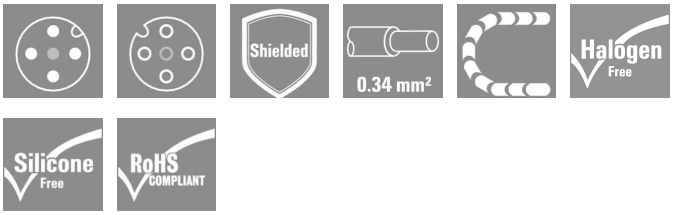

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, 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-4S1.5U
Order No.	1058500150
Version	Sensor/actuator line, Connecting line, M12 / M12, No. of poles: 4, 1.5 m, pin, straight - socket, straight, shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248799824
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	92 g

Technical specifications for cable

No. of poles	4	Core cross-section	0.34 mm²
shielded	Yes	Insulation	PP
Colour coding	Black, Brown, White, Blue	Sheath material	PUR
Sheathing colour	Black	Outer diameter	5.4 ± 0.2 mm
Cable length	1.5 m	Temperature range, moving, min.	-25 °C
Temperature range, moving, max.	80 °C	Temperature range, stationary, min.	-40 °C
Temperature range, stationary, max.	80 °C	Halogen	No
Suitable for cable carriers	Yes	Torsion resistance	0 °/m
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s²	Speed	200 m/min
Bending cycles	2 Mio	Resistant to welding beads	No

General technical data

Version	pin, straight - socket, straight	Contact tube diameter	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP 65, IP 66, IP 67, IP 68, (when screwed in)
Contact surface	Gold-plated	LED	No
Rated voltage	250 V	Rated current	4 A
Insulation resistance	10^8 Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Classifications

ETIM 3.0	EC001855	eClass 5.1	27-06-91-90
eClass 6.2	27-06-91-90	eClass 7.1	27-06-91-90

Approvals

Approvals	c UL us LISTED
ROHS	Conform

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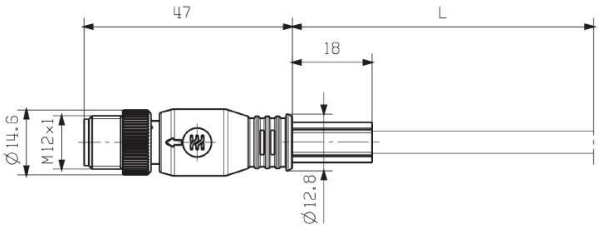
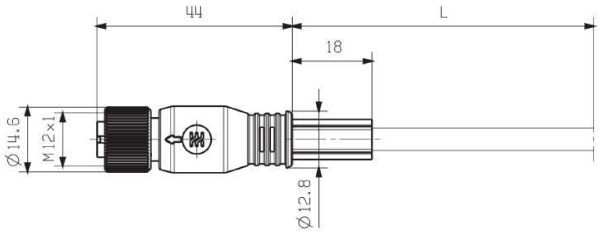
Zeichnungen

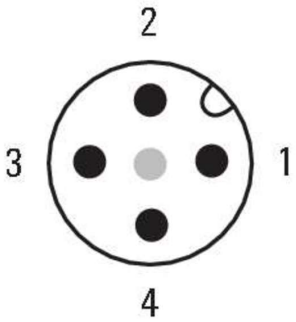
Dimensioned drawing



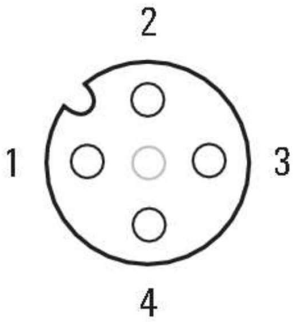
Dimensioned drawing



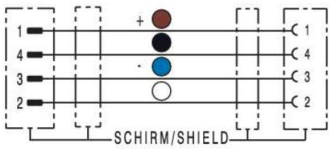
Pole scheme



Pole scheme



Wiring diagram



The ideal tool, the 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