

SAIL-M8BG-3S0.3U**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.

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

Version	Sensor/actuator line, M8, Number of poles : 3, 0.3 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR
Order No.	1906600030
Type	SAIL-M8BG-3S0.3U
GTIN (EAN)	4050118760002
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Net weight 15 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

Cable length	0.3 m	Sheathing colour	black
Shielded	Yes	Acceleration	5 m/s ²
Bending radius, min., moving	12 x conductor cross-section	Bending radius, min., stationary	5 x cable diameter
Bending cycles	2 Mio	Speed	100 m/s
Sheath material	PUR	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)	Irradiation crosslinked	No
Colour coding	brown, blue, black	Number of poles	3
Outside diameter	4.8 mm ± 0.2 mm		

General technical data

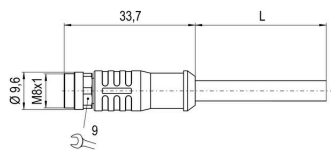
Connection thread	M8	Contact surface	Gold-plated
LED	No	Version	Female socket, straight
AF size	9 mm	jumpered	No
Threaded ring material	Diecast zinc	Temperature range of housing	-25...+85 °C
Tightening torque	M8: 0.6 Nm		

Classifications

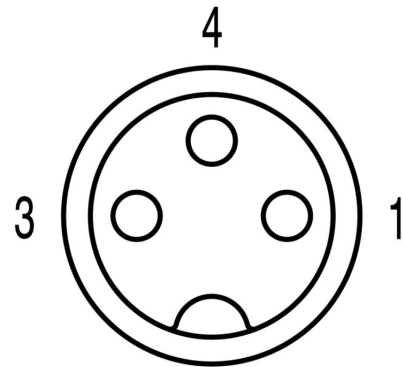
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Drawings

Dimensioned drawing

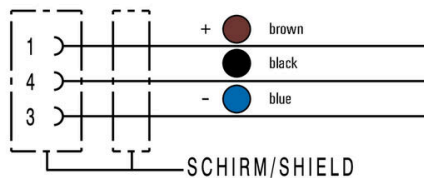


Pole scheme



Socket

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

