

SAIL-M8G-4-20V

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, One end without connector, M8, Number of poles : 4, 20 m, pin, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1927252000
Type	SAIL-M8G-4-20V
GTIN (EAN)	4050118605716
Qty.	1 Stück

Erstellungs-Datum May 25, 2023 1:08:48 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Net weight 673 g

Technical specifications for cable

Cable length	20 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.25 mm ²
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.8 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

General technical data

Coding	A	Connection thread	M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP66	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Brass, nickel-plated	Version	pin, straight
jumpered	No		

Electrical properties

Insulation strength 10⁸ Ω Rated voltage 30 V

Plug

Plug	Cable side	left
	Version of contact face	M8
	Protection degree (IP)	IP69
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Shielding available	No
	Cable side	right
	Version of cable end [In-Block]	free conductor end
	Plug left	M8, IP69, male contact, straight, Plastic, unshielded
Plug right	free conductor end	

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals



ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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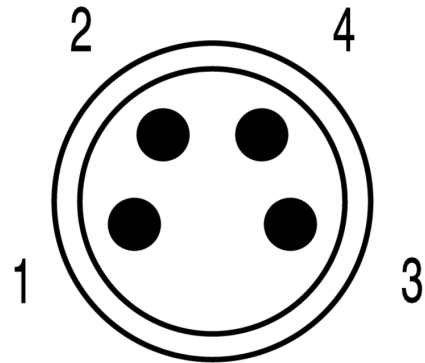
Zeichnungen

Dimensioned drawing



Male, straight

Pole scheme



Male

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