

## SAIL-M8G-5-3.0U

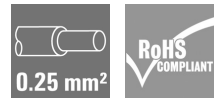
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, M8, Number of poles : 5, 3 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2455040300</a>
Type	SAIL-M8G-5-3.0U
GTIN (EAN)	4050118469646
Qty.	1 pc(s).

Creation date December 1, 2023 1:03:42 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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

Net weight 90 g

**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	12 Mio
Bending cycles at torsion	> 5 Mio.	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Cable length	3 m
Configurable cable length	No	Core cross-section	0.25 mm <sup>2</sup>
Halogen	No	Insulation	PP
Length of torsion	1 m	Number of poles	5
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Resistance to oils	in accordance with IEC 60811:404
Resistance to spread of flame	According to UL2556 FT2	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	black
Shielded	No	Speed	5 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-25...80 °C
Temperature range, stationary	-40...80 °C	Torsion resistance	360 °/m
Welding spark resistance	No		

**General technical data**

Coding	B-coded	Connection thread	M8
Contact surface	Gold-plated	Housing main material	PUR
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP69K
Rated current	3 A	Rated voltage	60 V
Temperature range of housing	-25...+85 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M8: 0.5 - 0.6 Nm	Version	pin, straight

**Electrical properties**

Rated voltage 60 V

**General standards**

Certificate no. (cULus) E307231

**Plug**

Plug	Cable side	left
	Version of contact face	M8
	Protection degree (IP)	IP67
	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, IP67, male contact, straight, Plastic, unshielded	
Plug right	free conductor end	

**Data sheet**

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**Technical data**

**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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	ECLASS 13.0	27060311

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

**Data sheet**

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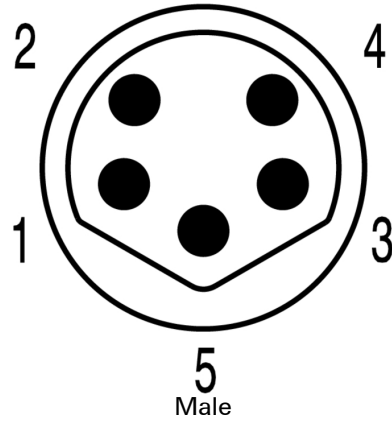
**Drawings**

**Dimensioned drawing**



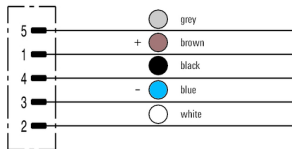
Male, straight

**Pole scheme**



5  
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