



Weidmüller Interface GmbH & Co. KG

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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, M8 /	
	M8, Number of poles : 4, 3 m, pin, angled - bush straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No	
Order No.	<u>1535470300</u>	
Туре	SAIL-M8WM8G-4-3.0U	
GTIN (EAN)	4050118553109	
Qty.	1 items	



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Technical data

Approvals

Approvals	(C .(II)	IIV
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ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate no. (cULus)	E307231

Dimensions and weights

Net weight 77.44 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

3 m	Sheathing colour	black
in accordance with IEC 60811:404	Suitable for cable carriers	Yes
0.25 mm ²	Shielded	No
No	Insulation	PP
5 m/s ²	Bending radius, min., moving	10 x cable diameter
5 x cable diameter	Bending cycles	12 Mio
In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2	Speed	5 m/s
PUR	Configurable cable length	No
Yes	Hydrolysis and microbe resistant	Yes
20549 (80 °C / 300 V)	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
No	Welding spark resistance	No
brown, white, blue, black	Torsion resistance	360 °/m
-4080 °C	Resistant to welding beads	No
> 5 Mio.	Temperature range, moving	-2580 °C
1 m	Number of poles	4
4.4 mm ± 0.2 mm		
	in accordance with IEC 60811:404 0.25 mm² No 5 m/s² 5 x cable diameter In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2 PUR Yes 20549 (80 °C / 300 V) No brown, white, blue, black -4080 °C > 5 Mio. 1 m	in accordance with IEC 60811:404 O.25 mm² No 5 m/s² Shielded Insulation Bending radius, min., moving Bending cycles Speed Speed Configurable cable length Hydrolysis and microbe resistant Core in accordance with UL AWM style No No Welding spark resistance Torsion resistance Torsion resistance Temperature range, moving Number of poles

General technical data

Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	LED	No
Version	pin, angled - bush straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Nominal current	4 A	Protection degree	IP69, IP65, IP66
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25+85 °C		

Creation date 30.11.2025 06:00:52 MEZ

Catalogue status / Drawings 2





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Technical data

Electrical properties			
nsulation resistance	108 Ω	Nominal voltage	30 V
General standards			
Certificate no. (cULus)	E307231		
Plug, left			
			'
Plug left	M8, IP69, male contact, angled 90°, Plastic, unshielded		
Plug, right			
Plug right	M8, IP69, female contact, straight, Plastic, unshielded		
Classifications			
ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Catalogue status / Drawings



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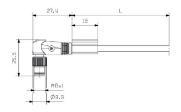
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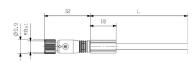
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Drawings

Dimensioned drawing

Dimensioned drawing



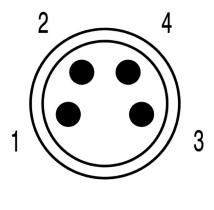


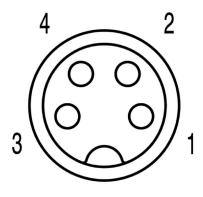
Male, angled

Straight socket

Pole scheme

Pole scheme





Male

Socket





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Drawings

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