

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: 3, 35 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<u>9457383500</u>
Туре	SAIL-M8BW-3-35U
GTIN (EAN)	4050118504309
Qty.	1 pc(s).



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Technical data

Dimensions	and waights
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Net weight	000 10		
Net Weight	688.16 g		

Technical specifications for cable

Acceleration	5 m/s ²	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	35 m
Colour coding	brown, blue, black	Configurable cable length	No
Core cross-section	0.25 mm ²	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Halogen	No	Hydrolysis and microbe resistant	Yes
Insulation	PP	Irradiation crosslinked	No
Length of torsion	1 m	Number of poles	3
Outer cladding in accordance with UL		Outside diameter	
AWM style	20549 (80 °C / 300 V)	<u> </u>	$4.1 \text{ mm} \pm 0.2 \text{ mm}$
	20549 (80 °C / 300 V) in accordance with IEC 60811:404	Resistance to spread of flame	4.1 mm ± 0.2 mm in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2
AWM style	in accordance with IEC	Resistance to spread of flame Sheath material	in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL
AWM style Resistance to oils	in accordance with IEC 60811:404		in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2
AWM style Resistance to oils Resistant to welding beads	in accordance with IEC 60811:404 No	Sheath material	in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2 PUR
AWM style Resistance to oils Resistant to welding beads Sheathing colour	in accordance with IEC 60811:404 No black	Sheath material Shielded	in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2 PUR No

General technical data

Coding	A-coded	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	IP69, IP65, IP66	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-25+85 °C
Threaded ring material	Brass, nickel-plated	Version	Socket, angled
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	60 V

General standards

Plug, left

M8, IP69, female contact, angled 90°, Plastic, un- shielded

Plug, right

Plug right	free conductor end



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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		

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/	
ROHS	Conform	
UL File Number Search	UL Website	
Certificate no. (cULus)	E307231	

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN



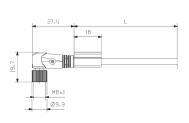
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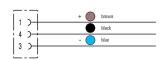
Drawings

Dimensioned drawing

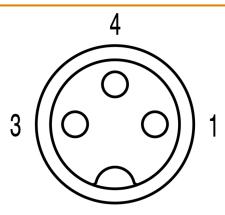


Angled socket

Wiring diagram



Pole scheme



Socket

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