

SAIL-M8BG-3-1.0TOV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	Sensor/actuator line, M8, Number of poles : 3, 1 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2812880100
Type	SAIL-M8BG-3-1.0TOV
GTIN (EAN)	4064675341529
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	95 g
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Technical specifications for cable

Bending cycles	12 Mio	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Cable length	1 m
Colour coding	brown, blue, black	Core cross-section	0.34 mm ²
Core in accordance with UL AWM style	10995 (80 °C / 300 V)	Halogen	No
Irradiation crosslinked	No	LABS-free	Yes
Number of poles	3	Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)
Outside diameter	4.5 mm ± 0.2 mm	Resistant to welding beads	Yes
Sheath material	PUR	Sheathing colour	orange
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	Yes		

General technical data

AF size	12 mm	Coding	A-coded
Connection thread	M8	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Pollution severity	3	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Rated current	4 A	Rated voltage	24 V
Temperature range of housing	-25...+85 °C	Threaded ring material	Diecast zinc
Version	Female socket, straight		

Electrical properties

Rated voltage	24 V
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General standards

Certificate no. (cULus)	E307231
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Plug, left

Plug left	M8, A-coded, IP68, female contact, straight, Plastic
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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		

Creation date April 22, 2025 10:49:45 PM CEST

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-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

Catalogues	Catalogues in PDF-format
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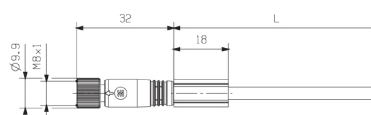
www.weidmueller.com

Drawings

Detailed drawing



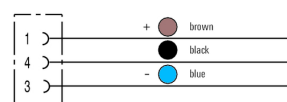
Dimensioned drawing



Pole scheme



Wiring diagram



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Drawings

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