Data sheet

SAIL-M8BG-3-5.0TOV

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, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2812880500
Type	SAIL-M8BG-3-5.0TOV
GTIN (EAN)	4064675341574
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Net weight	140 g

Environmental Product Compliance

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

Technical specifications for cable

Cable length	5 m	Sheathing colour	orange
Suitable for cable carriers	Yes	Core cross-section	0.34 mm²
Number of wires	3	Shielded	No
Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Bending cycles	12 Mio
Speed	5 m/s	Sheath material	PUR
LABS-free	Yes	Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)
Core in accordance with UL AWM style	10995 (80 °C / 300 V)	Type is hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	Yes
Colour coding	brown, blue, black	Torsion resistance	360 °/m
Temperature range, stationary	-40...80 °C	Resistant to welding beads	Yes
Temperature range, moving	-25...80 °C	Number of poles	3
Outside diameter	4.5 mm ± 0.2 mm		

General technical data

Coding	A-coded	Connection thread	M8
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Contact material	Copper alloy	Nominal voltage	24 V
Nominal current	4 A	AF size	8 mm
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Pollution severity	3
Threaded ring material	Diecast zinc	Temperature range of housing	-25...+85 °C

Electrical properties

Nominal voltage	24 V

General standards

Connector standard	IEC 61076-2-104	Certificate no. (cULus)	E307231

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Technical data

Standards

Connector standard	IEC 61076-2-104

Plug, left

Plug left	M8, female contact, straight, plug, unshielded

Plug, right

Plug right	Free conductor end

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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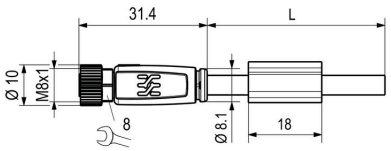
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Drawings

Detailed drawing

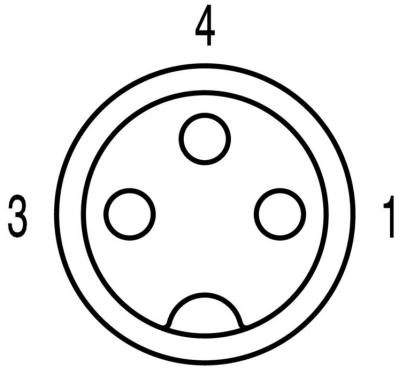


Dimensioned drawing

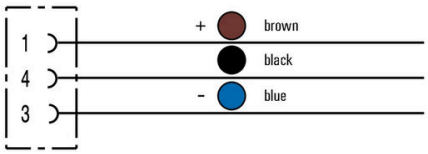


Straight socket

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