Weidmüller

SAIL-M8W-3-10V

0.25 mm²   RoHS COMPLIANT

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, M12 / M8, Number of poles : 3, 10 m, pin, 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1927311000
Type	SAIL-M8W-3-10V
GTIN (EAN)	4032248575794
Qty.	1 pc(s).

Creation date September 16, 2022 10:07:42 PM CEST

SAIL-M8W-3-10V

Technical data

Dimensions and weights

Net weight	290 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	10 m	Colour coding	brown, blue, black
Configurable cable length	No	Core cross-section	0.25 mm²
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	3
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.5 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

General technical data

Coding	A	Connection thread	M12 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10^8 Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-40 ... +85 ° C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, 90°	jumpered	No

Electrical properties

Insulation strength	10^8 Ω	Rated voltage	60 V

General standards

Certificate No. (CSA)	200039-2372994	Certificate no. (cULus)	E307231
Connector standard	IEC 61076-2-101, IEC 61076-2-104		

Standards

Connector standard	IEC 61076-2-101, IEC 61076-2-104		

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	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

Creation date September 16, 2022 10:07:42 PM CEST

SAIL-M8W-3-10V

Technical data

Approvals

Approvals	

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

Downloads

Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN

Creation date September 16, 2022 10:07:42 PM CEST

SAIL-M8W-3-10V

Drawings

Dimensioned drawing

Pole scheme
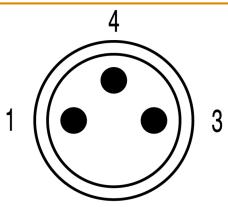
Male, angled

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

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Mouser Electronics

Authorized Distributor

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