Weidmüller ∋€

SAIL-M8BW-4-15V

0.25 mm²

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 : 4, 1.5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1927341500
Type	SAIL-M8BW-4-15V
GTIN (EAN)	4032248863761
Qty.	1 pc(s).

Creation date June 2, 2024 1:04:00 PM CEST

SAIL-M8BW-4-15V

Technical data

Dimensions and weights

Net weight	494 g

Technical specifications for cable

Cable length	1.5 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.25 mm²
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.8 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-coded	Connection thread	M8
Contact material	Ni/Au	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
Rated current	4 A	Rated voltage	30 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	30 V

General standards

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

Standards

Connector standard	IEC 61076-2-104

Plug, left

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

Plug, right

Plug right	free conductor end

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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

Environmental Product Compliance

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

Approvals

Approvals

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

Creation date June 2, 2024 1:04:00 PM CEST

SAIL-M8BW-4-15V

Drawings

Dimensioned drawing

Angled socket

Wiring diagram

1	+	brown	
4		black	
3	−	blue	
2		white	
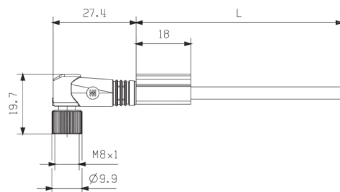
### Pole scheme
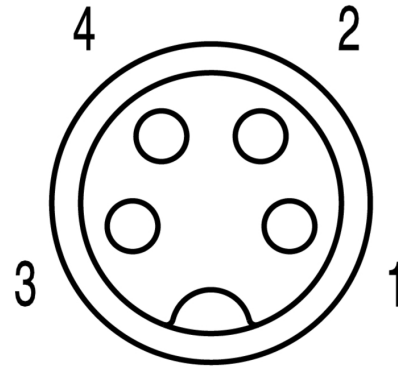
Socket
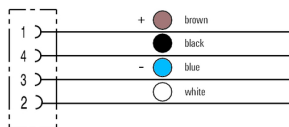
The ideal tool: Screwty ® with torque function

Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F

Creation date June 2, 2024 1:04:00 PM CEST