

SAIL-M8WM8W-4S4.5U

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, M8, Number of poles : 4, 4.5 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2443 150450
Type	SAIL-M8WM8W-4S4.5U
GTIN (EAN)	4050118457032
Qty.	1 pc(s).

Creation date March 27, 2021 12:17:27 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

SAIL-M8WM8W-4S4.5U

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

www.weidmueller.com

Technical data

Dimensions and weights

Net weight 197 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²		
Bending cycles	250.000		
Bending radius, min., moving	12 x conductor cross-section		
Bending radius, min., stationary	5 x cable diameter		
Cable length	4.5 m		
Colour coding	brown, black, blue, white		
Configurable cable length	No		
Core cross-section	0.34 mm ²		
Halogen	No		
Housing main material	PUR		
Insulation	PP		
Number of poles	4		
Number of poles	4		
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)		
Outer diameter	5.1 ± 0.2 mm		
Outside diameter	Diameter	5.1 mm	
	Signs	±	
	Tolerance	0.2 mm	
Outside diameter	5.1 mm ± 0.2 mm		
Resistance to spread of flame	in accordance with IEC 60332-2		
Resistant to welding beads	No		
Sheath material	PUR		
Sheathing colour	black		
Shielded	Yes		
Speed	100 m/min		
Suitable for cable carriers	Yes		
Temperature range, moving	-25...80 °C		
Temperature range, moving, max.	80 °C		
Temperature range, moving, min.	-25 °C		
Temperature range, stationary	-40...80 °C		
Temperature range, stationary, max.	80 °C		
Temperature range, stationary, min.	-40 °C		
Torsion resistance	0 °/m		

General technical data

Coding	none	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	IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Diecast zinc	Tightening torque	M8: 0.5 - 0.6 Nm
jumpered	No		

Creation date March 27, 2021 12:17:27 AM CET

SAIL-M8WM8W-4S4.5U

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
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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E307231

Data sheet

SAIL-M8WM8W-4S4.5U

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

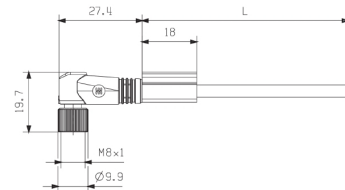
www.weidmueller.com

Drawings

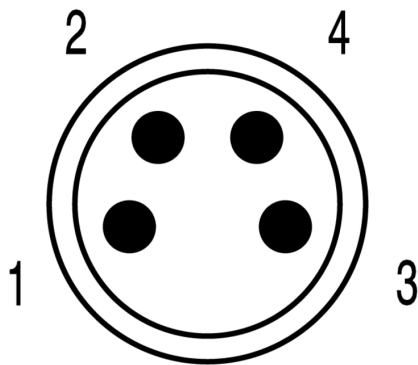
Dimensioned drawing



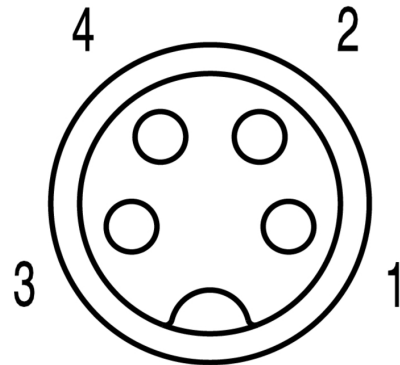
Dimensioned drawing



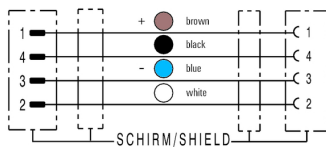
Pole scheme



Pole scheme



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