

**SAIL-M12GM8G-4-2.0TOV**

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

www.weidmueller.com

**Product image**



**General ordering data**

Version	Sensor/actuator line, M12 / M8, Number of poles : 4, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2812960200</a>
Type	SAIL-M12GM8G-4-2.0TOV
GTIN (EAN)	4064675341147
Qty.	1 items

## SAIL-M12GM8G-4-2.0TOV

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 110 g

### Environmental Product Compliance

RoHS Compliance Status Compliant with exemption  
RoHS Exemption (if applicable/known) 6c  
REACH SVHC Lead 7439-92-1  
SCIP bd63baef-8092-4596-90c7-5b4daa22710b

### Technical specifications for cable

Cable length	2 m	Sheathing colour	orange
Suitable for cable carriers	Yes	Core cross-section	0.34 mm <sup>2</sup>
Shielded	No	Halogen	No
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	10 Mio	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)	Irradiation crosslinked	No
Welding spark resistance	Yes	Colour coding	brown, blue, black, white
Resistant to welding beads	Yes	Number of poles	4
Outside diameter	4.9 mm ± 0.2 mm		

### General technical data

Coding	A-coded	Connection thread	M12 / M8
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, straight	Nominal current	4 A
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Temperature range of housing	-25...+85 °C

### Plug, left

Plug left M12, A-coded, IP68, male contact, straight, Plastic

### Plug, right

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

### 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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**Drawings**

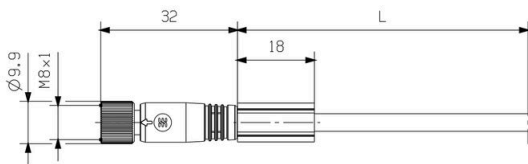
**Dimensioned drawing**



**Dimensioned drawing**



**Dimensioned drawing**



**Pole scheme**



**Pole scheme**



**Wiring diagram**



### The ideal tool: Screwty® with torque function

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