

## SAIL-M12GM8SG-4S7.7UIE

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

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

### General ordering data

Version	Bus line, Connecting line, M12 / M8, Number of poles: 4, 7.7 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1296790770</a>
Type	SAIL-M12GM8SG-4S7.7UIE
GTIN (EAN)	4050118623949
Qty.	1 Stück

Erstellungs-Datum May 24, 2023 2:30:05 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Net weight 200 g

### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	7.7 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm <sup>2</sup>
Halogen	No	Hybrid cable	No
Insulation	PP	Irradiation crosslinked	No
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/min
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C
Welding spark resistance	No		

### General technical data

Connection thread	M12 / M8	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Temperature range of housing jumpered	-25...+80 °C	Threaded ring material	Brass, nickel-plated

### Plug

Plug	Cable side	left
	Version of contact face	M12
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Shielding available	Yes
	Cable side	right
	Version of contact face	M8
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Shielding available	Yes
Plug left	M12, IP67, male contact, straight, Plastic, shielded	
Plug right	M8, IP67, male contact, straight, Plastic, shielded	

### Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08

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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

### Approvals

Approvals



ROHS	Conform
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### Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
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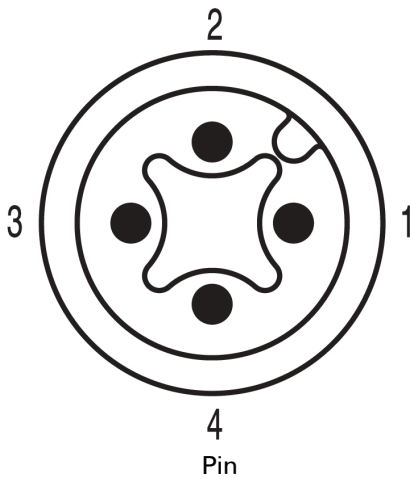
**Zeichnungen**

**Dimensioned drawing**

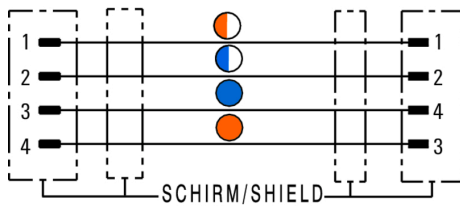


Male, straight

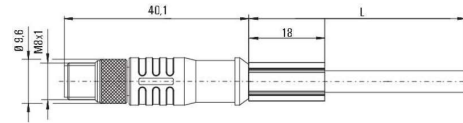
**Pole scheme**



**Wiring diagram**

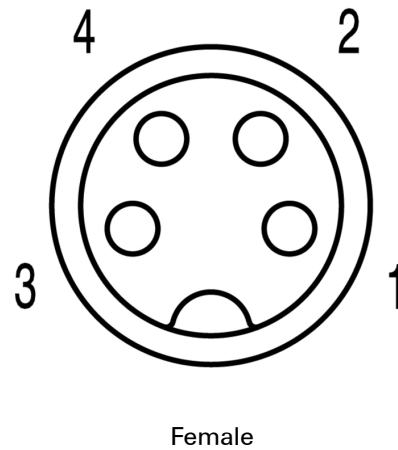


**Dimensioned drawing**



Male, straight

**Pole scheme**



**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