

**SAIL-M12WM12W-T-5.0P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

Version	Power cable, Connecting line, M12 / M12, Number of poles : 4, 5 m, pin, 90&deg; - socket 90&deg;, Shielded: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2050860500</a>
Type	SAIL-M12WM12W-T-5.0P
GTIN (EAN)	4050118442281
Qty.	1 pc(s).

Creation date March 26, 2021 10:06:43 PM CET

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

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## Technical data

### Dimensions and weights

Net weight 300 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>		
Bending cycles	10 Mio		
Bending radius, min., moving	7.5 x cable diameter		
Bending radius, min., stationary	4 x cable diameter		
Cable length	5 m		
Colour coding	black, blue, white, brown		
Configurable cable length	No		
Core cross-section	1.5 mm <sup>2</sup>		
Halogen	No		
Housing main material	PUR		
Insulation	PP		
Number of poles	4		
Number of poles	4		
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)		
Outside diameter	Diameter	9.6 mm	
	Signs	±	
	Tolerance	0.3 mm	
Outside diameter	9.6 mm ± 0.3 mm		
Resistant to welding beads	No		
Sheath material	PUR		
Sheathing colour	black		
Shielded	No		
Speed	5 m/s		
Suitable for cable carriers	Yes		
Temperature range, moving	-40...90 °C		
Temperature range, moving, max.	90 °C		
Temperature range, moving, min.	-40 °C		
Temperature range, stationary	-50...90 °C		
Temperature range, stationary, max.	90 °C		
Temperature range, stationary, min.	-50 °C		

### General technical data

Coding	T	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	12 A	Rated voltage	63 V
Temperature range of housing	-25...+80 °C	Version	pin, 90°; - socket 90°

### Standards

Connector standard IEC 61076-2-111

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**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**

ROHS	Conform
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**Data sheet**

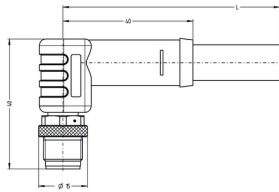
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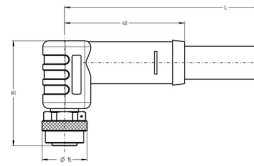
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**Drawings**

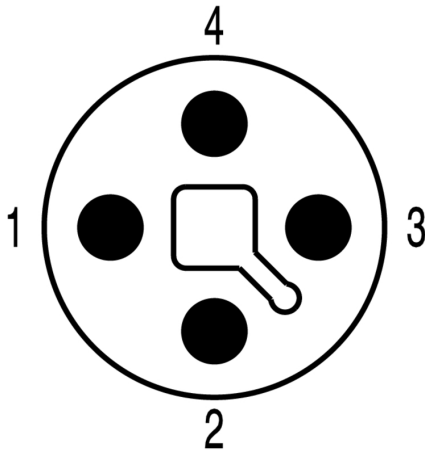
**Dimensioned drawing**



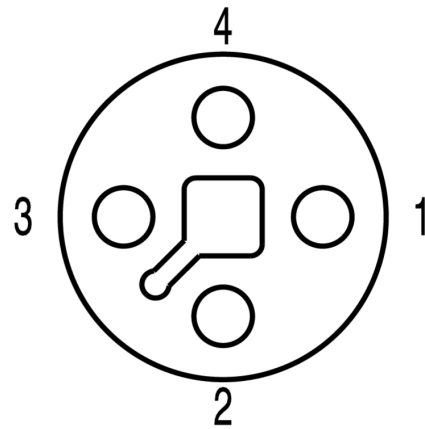
**Dimensioned drawing**



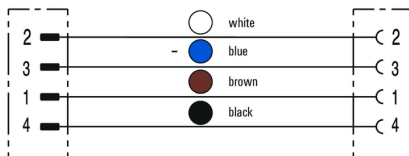
**Pole scheme**



**Pole scheme**



**Wiring diagram**



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

