

**SAIL-M12BW-T-10H****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Type	SAIL-M12BW-T-10H
Order No.	<a href="#">2050691000</a>
Version	Power cable, One end without connector, M12, Number of poles : 4, 10 m, Socket, angled, Shielded: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118442007
Qty.	1 pc(s).

**SAIL-M12BW-T-10H****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**Technical data****Dimensions and weights**

Net weight 500 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	4	Core cross-section	2.5 mm <sup>2</sup>
Outside diameter	11 ± 0.4 mm	Cable length	10 m
Shielded	No	Insulation	PP
Colour coding	black, blue, white, brown	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-40...90 °C	Temperature range, stationary	-50...90 °C
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Suitable for cable carriers	Yes
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s <sup>2</sup>	Speed	5 m/s
Bending cycles	10 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

**General technical data**

Version	Socket, angled	Connection thread	M12
Housing main material	PUR	Coding	T
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
Rated voltage	63 V	Rated current	12 A
Insulation strength	10 <sup>8</sup> Ω	Temperature range of housing	-25...+85 °C
Plugging cycles	≥ 100	Pollution severity	3

**Standards**

Connector standard IEC 61076-2-111

**Classifications**

ETIM 6.0	EC001855	eClass 6.2	27-26-07-02
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

**Approvals**

ROHS Conform

**Downloads**Brochure/Catalogue [FL FIELDWIRING EN](#)

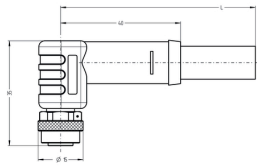
**Data sheet**

**SAIL-M12BW-T-10H**

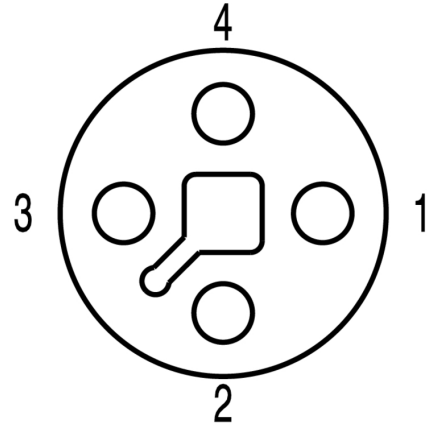
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

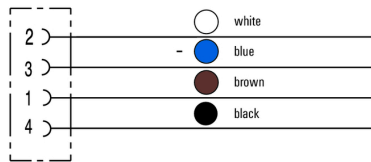
**Dimensioned drawing**



**Pole scheme**



**Wiring diagram**



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

