

**SAIL-M12BW-CD-20B****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, One end without connector, M12, Number of poles: 5, 20 m, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1062 182000</a>
Type	SAIL-M12BW-CD-20B
GTIN (EAN)	4050118606454
Qty.	1 pc(s).

Creation date April 15, 2021 11:37:22 AM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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

Net weight 1,200 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	3 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	20 m	Colour coding	white, blue, red, black
Configurable cable length	No	Halogen	Yes
Hybrid cable	No	Insulation	PVC
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style	2571 (80 °C)	Outside diameter	7 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	Yes
Speed	180 m/min	Suitable for cable carriers	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Wire cross section	2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup>		

**General technical data**

Coding	A	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	125 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
jumpered	No		

**Electrical properties**Insulation strength 10<sup>8</sup> Ω      Rated voltage 125 V**Cable structure**

Colour coding	white, blue, red, black	Insulation	PVC
Sheathing colour	black		

**Electrical properties of cable**Insulation strength 10<sup>8</sup> Ω      Rated current 4 A  
Speed 180 m/min**Mechanical and material properties of cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	3 Mio
Halogen	Yes	Speed	180 m/min

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**Technical data****Plug, right**

Contact surface	Gold-plated	Housing main material	PUR
Plugging cycles	≥ 100		

**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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**Downloads**

Engineering Data	<a href="#">STEP</a>
Brochure/Catalogue	<a href="#">Catalogues in PDF-format</a>

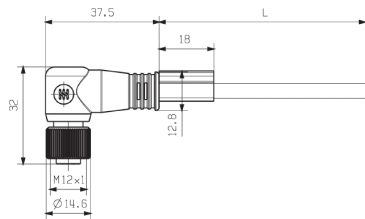
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**Drawings**

**Dimensioned drawing**



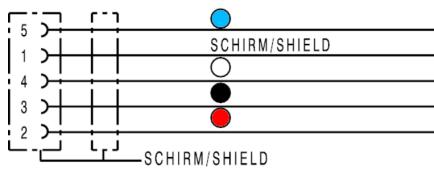
Socket

**Pole scheme**



Socket

**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