SAIL-M12BW-CD-20B

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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

Type	SAIL-M12BW-CD-20B
Order No.	1062182000
Version	Bus line, One end without connector, M12, No. of poles: 5, 20 m, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4050118606454
Qty.	1 pc(s).

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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

Number of poles	5	Wire cross section	2 x 0.34 mm² + 2 x 0.22 mm²
Outside diameter	7 ± 0.3 mm	Cable length	20 m
Shielded	Yes	Insulation	PVC
Colour coding	white, blue, red, black	Sheath material	PVC
Sheathing colour	black	Halogen	Yes
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	2571 (80 °C)	Suitable for cable carriers	No
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s²	Speed	180 m/min
Bending cycles	3 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

General technical data

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

Classifications

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

Approvals

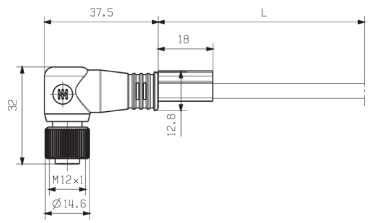
ROHS	Conform

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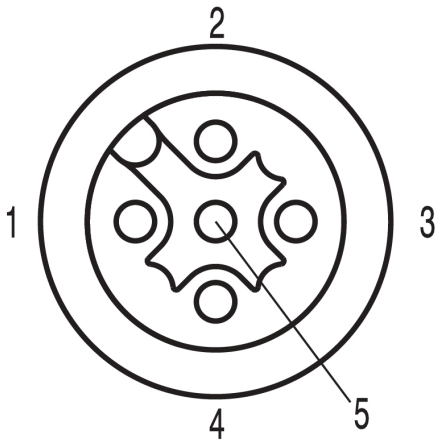
Drawings

Dimensioned drawing



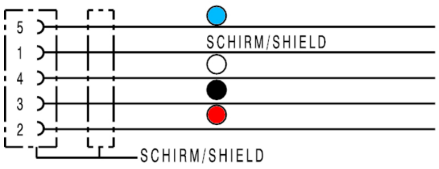
Socket

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