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, DeviceNetTM, EtherCAT and Ethernet.

General ordering data

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

SAIL-M12BW-CD-20B

Technical data

Approvals

Approvals	CE UKCA
ROHS	Conform

Dimensions and weights

Length	20 m	Length (inches)	787.4016 inch
Net weight	1200 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	20 m	Sheathing colour	violet
Resistance to oils	in accordance with IEC 60811-2-1	Suitable for cable carriers	No
Core cross-section	0.34 mm²	Number of wires	5
Shielded	Yes	Halogen	Yes
Insulation	PVC	Acceleration	7 m/s²
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	10 x cable diameter
Bending cycles	5 Mio	Wire cross section (Print/Online)	2 x 0.34 mm² + 2 x 0.22 mm²
Resistance to spread of flame	According to IEC 60754-1	Speed	180 m/min
Sheath material	PVC	Configurable cable length	No
Outer cladding in accordance with UL AWM style	2571 (80 °C)	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	red, black, white, blue	Temperature range, stationary	-40...80 °C
Resistant to welding beads	No	Temperature range, moving	-25...80 °C
Number of poles	5	Outside diameter	6.7 mm ± 0.3 mm

General technical data

Coding	A-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Socket, angled	Housing main material	PUR
Insulation resistance	108 Ω	Contact material	CuZn35PB2
Nominal voltage	125 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25...+80 °C
Tightening torque	M12: 0.8 - 1.2 Nm		

Cable specific standards

Poisonous gases	According to EN-50267-2-1

Creation date 10.03.2026 07:49:36 MEZ

SAIL-M12BW-CD-20B

Technical data

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	125 V

General standards

Connector standard	IEC 61076-2-101

Plug, left

Plug left	M12, A-coded, Number of poles: 5, IP67, female contact, angled 0°, plug, shielded

Plug, right

Plug right	Free conductor end

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

SAIL-M12BW-CD-20B

Drawings
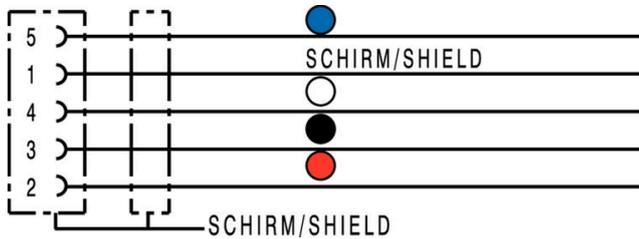
Pole scheme
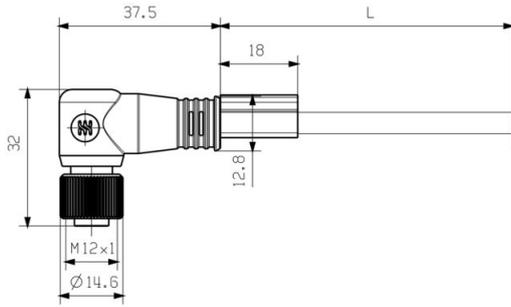
Socket
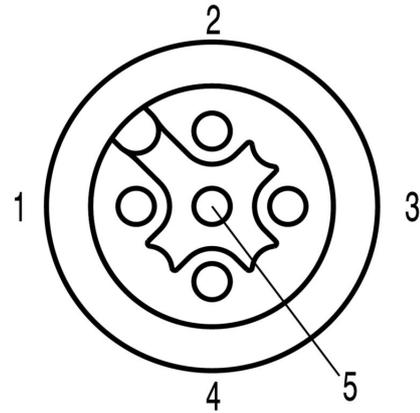
Socket

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

SAIL-M12BW-CD-20B

Drawings