Data sheet

SAIL-M12BG-5S5.0LBSN0.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 5, 5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: Polyolefine, molecularly interlinked, Halogen: No, halogen-free, according to IEC 60754
Order No.	2776770500
Type	SAIL-M12BG-5S5.0LBSN0.5
GTIN (EAN)	4099986917484
Qty.	1 items

Data sheet

SAIL-M12BG-5S5.0LBSN0.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	305.36 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	6ef4f442-4200-442c-9896-7fd648ce3c59

Technical specifications for cable

Cable length	5 m	Sheathing colour	black
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	No
Core cross-section	0.5 mm²	Number of wires	5
Shielded	Yes	Halogen	No, halogen-free, according to IEC 60754
Insulation	Polyolefin	Resistance to spread of flame	According to EN 45545, HL1 - HL3, According to NFPA 130
Sheath material	Polyolefine, molecularly interlinked	Cable length configurable	No
Type is hybrid cable	No	Irradiation crosslinked	Yes
Torsion resistance	360 °/m	Temperature range, stationary	-40...125 °C
Resistant to welding beads	No	Number of poles	5

General technical data

Coding	A-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Contact material	CuZn35PB2	Nominal voltage	60 V
Nominal current	4 A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25...+80 °C

Standards

Connector standard	IEC 61076-2-101

Plug, left

Plug left	M12, A-coded, Number of poles: 5, female contact, straight, plug, shielded

Plug, right

Plug right	Free conductor end

SAIL-M12BG-5S5.0LBSN0.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

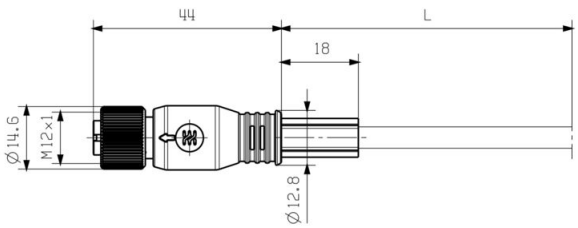
SAIL-M12BG-5S5.0LBSN0.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

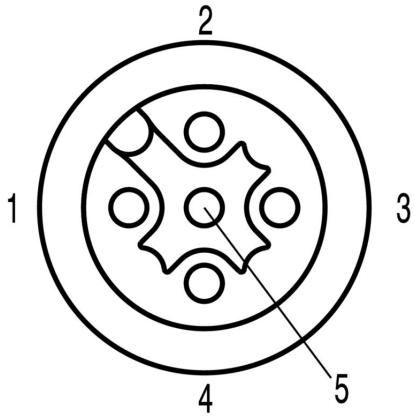
www.weidmueller.com

Drawings

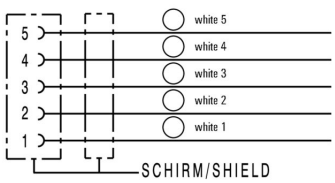
Dimensioned drawing



Pole scheme



Wiring diagram



SAIL-M12BG-5S5.0LBSN0.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

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