SAIL-M12BG-4-40V

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





Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12BG-4-40V
Order No.	1925584000
Version	Sensor/actuator line, One end without connector, M12, Number of poles : 4, 40 m, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4050118427622
Qty.	1 pc(s).

SAIL-M12BG-4-40V

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	1,668 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	4	Core cross-section	0.34 mm²
Outside diameter	5.3 ± 0.2 mm	Cable length	40 m
Shielded	No	Insulation	PVC
Colour coding	brown, white, blue, black	Sheath material	PVC
Sheathing colour	black	Halogen	Yes
Temperature range, moving	-5...80 °C	Temperature range, stationary	-30...80 °C
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Suitable for cable carriers	No
Torsion resistance	0 °/m	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	Diecast zinc	Coding	A
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	250 V
Rated current	4 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+85 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Standards

Connector standard	IEC 61076-2-101

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-27-92-18
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

Approvals

ROHS	Conform

Downloads

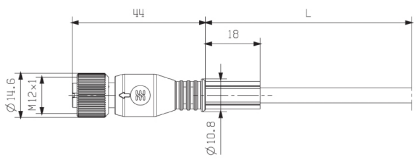
Brochure/Catalogue	FL FIELDWIRING EN

SAIL-M12BG-4-40V

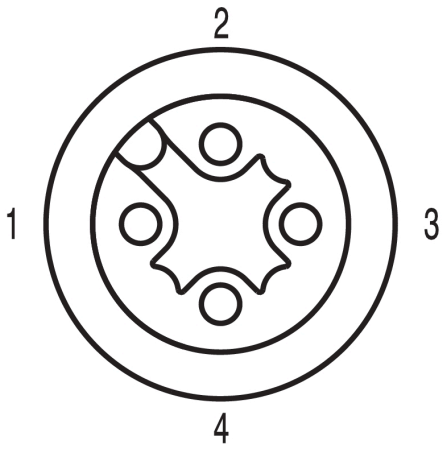
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Dimensioned drawing

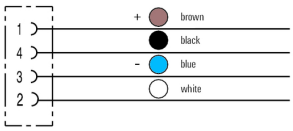


Pole scheme



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