

**SAIL-M8BGR-3-1.5V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

Version	Sensor/actuator line, One end without connector, M12 / M8, Number of poles : 3, 1.5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1948710150</a>
Type	SAIL-M8BGR-3-1.5V
GTIN (EAN)	4032248625970
Qty.	1 pc(s).

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

Net weight	47 g
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**Technical specifications for cable**

Cable length	1.5 m	Colour coding	brown, blue, black
Configurable cable length	No	Core cross-section	0.25 mm <sup>2</sup>
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	3
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.5 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

**General technical data**

Coding	A-coded	Connection thread	M12 / M8
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	IP65, when screwed in	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-25...+85 °C
Threaded ring material	PUR	Version	Female socket, straight
jumpered	No		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	60 V
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**General standards**

Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-101, IEC 61076-2-104
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**Standards**

Connector standard	IEC 61076-2-101, IEC 61076-2-104
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**Plug, left**

Plug left	M8, IP69, female contact, straight, Plastic, unshielded
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**Plug, right**

Contact material, pin	CuZn35PB2	Contact material, socket	CuZn35PB2
Contact surface	Gold-plated	Housing main material	PUR
Plug right	free conductor end	Plugging cycles	≥ 100

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ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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
ECLASS 12.0	27-06-03-11	ECLASS 13.0	27-06-03-11

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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# Drawings

## Dimensioned drawing



Straight socket

## Pole scheme



Socket

## Wiring diagram

