

SAIL-M8BGR-3-10U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, M8, Number of poles : 3, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1827021000
Type	SAIL-M8BGR-3-10U
GTIN (EAN)	4032248627530
Qty.	1 pc(s).
Available until	2011-01-17

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Technical data**Dimensions and weights**

Net weight	100 g
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Technical specifications for cable

Cable length	10 m	Configurable cable length	No
Halogen	No	Irradiation crosslinked	No
Number of poles	3	Sheath material	PUR
Sheathing colour	black	Shielded	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C

General technical data

Coding	A-coded	Connection thread	M8
Contact surface	Gold-plated	Insulation strength	10 ⁸ Ω
LED	No	Protection degree	IP65
Rated current	4 A	Rated voltage	250 V
Temperature range of housing	-40 ... +85 °C	Threaded ring material	PUR
Version	Female socket, straight		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	250 V
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General standards

Certificate no. (cULus)	E307231
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Plug, left

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

Plug right	free conductor end
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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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

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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

SAIL-M8BGR-3-10U

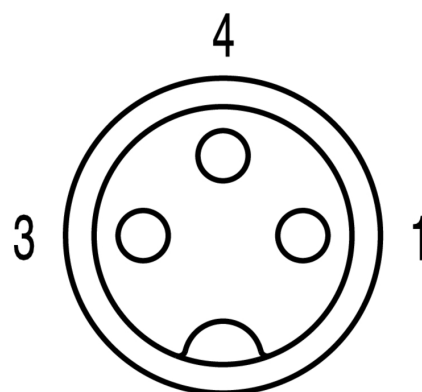
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Drawings

Dimensioned drawing

Pole scheme



Straight socket

Socket

Wiring diagram

