

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 |

Creation date March 16, 2023 5:25:28 PM CET

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Technical data**Dimensions and weights**

Net weight 100 g

Temperatures

Operating temperature, min. -25 °C Operating temperature, max. 80 °C

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 | 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 propertiesInsulation strength 10⁸ Ω Rated voltage 250 V**General standards**

Certificate no. (cULus) E307231

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001855 | ETIM 7.0 | EC001855 |
| ETIM 8.0 | 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 |

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 |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

Data sheet**SAIL-M8BGR-3-10U**

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Technical data**Downloads**

| | |
|------------------|--|
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

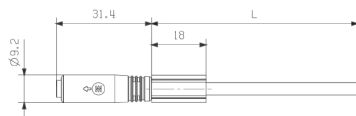
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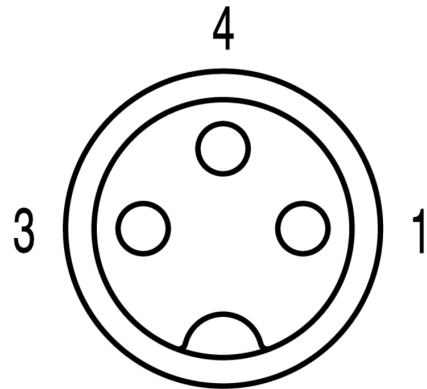
Drawings

Dimensioned drawing



Straight socket

Pole scheme



Socket

Wiring diagram

