

**SAIL-7/8BG-5-16U****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.

The 7/8" cables tend to be used for power supply applications.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

**General ordering data**

|            |                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| Version    | Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 16 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1292191600</a>                                                                                               |
| Type       | SAIL-7/8BG-5-16U                                                                                                         |
| GTIN (EAN) | 4050118623987                                                                                                            |
| Qty.       | 1 pc(s).                                                                                                                 |

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

|            |         |
|------------|---------|
| Net weight | 1,000 g |
|------------|---------|

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Technical specifications for cable**

|                                                |                                         |                               |                 |
|------------------------------------------------|-----------------------------------------|-------------------------------|-----------------|
| Bending radius, min., moving                   | 7.5 x cable diameter                    | Cable length                  | 16 m            |
| Colour coding                                  | brown, white, blue, black, Green/yellow | Configurable cable length     | No              |
| Core cross-section                             | 1.5 mm <sup>2</sup>                     | Halogen                       | No              |
| Insulation                                     | TPM                                     | Number of poles               | 5 (4 + PE)      |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V)                  | Outside diameter              | 8.7 mm ± 0.2 mm |
| PE function                                    | Yes                                     | Resistant to welding beads    | No              |
| Sheath material                                | PUR                                     | Sheathing colour              | black           |
| Shielded                                       | No                                      | Suitable for cable carriers   | No              |
| Temperature range, moving                      | -20...80 °C                             | Temperature range, stationary | -50...80 °C     |
| Torsion resistance                             | 0 °/m                                   |                               |                 |

**General technical data**

|                        |                       |                              |              |
|------------------------|-----------------------|------------------------------|--------------|
| Coding                 | none                  | Connection thread            | 7/8"         |
| Contact surface        | Au (Gold)             | Housing main material        | PUR          |
| Insulation strength    | 10 <sup>8</sup> Ω     | LED                          | No           |
| Plugging cycles        | ≥ 100                 | Pollution severity           | 3            |
| Protection degree      | IP68, when screwed in | Rated current                | 9 A          |
| Rated voltage          | 300 V                 | Temperature range of housing | -25...+80 °C |
| Threaded ring material | Diecast zinc          | jumpered                     | No           |

**Classifications**

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

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                    |                                          |
|--------------------|------------------------------------------|
| Brochure/Catalogue | <a href="#">Catalogues in PDF-format</a> |
|--------------------|------------------------------------------|

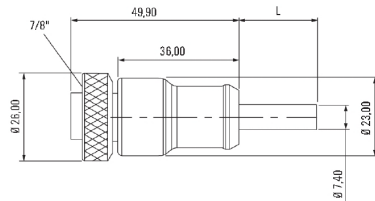
## SAIL-7/8BG-5-16U

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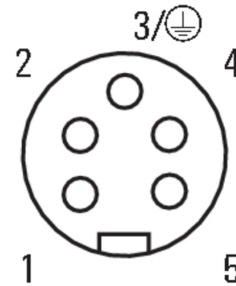
# Drawings

## Dimensioned drawing



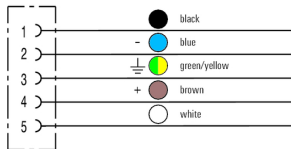
Straight socket

## Pole scheme



Socket

## Wiring diagram



## The ideal tool: Screwty<sup>®</sup> 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