# SAIL-7/8"BG-4-10U

**Weidmüller Interface GmbH & Co. KG**
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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

| | |
|---|---|
| Type | SAIL-7/8"BG-4-10U |
| Order No. | 1292141000 |
| Version | Sensor/actuator line, 7/8", No. of poles: 4, 10 m, Female socket, straight, shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118088021 |
| Qty. | 1 pc(s). |

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## Technische Daten

### Dimensions and weights

| | |
|---|---|
| Net weight | 600 g |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| No. of poles | 4 | Core cross-section | 1.5 mm² |
| shielded | No | Insulation | TPM |
| Colour coding | Brown, White, Blue, Black | Sheath material | PUR |
| Sheathing colour | Black | Outer diameter | 8.0 mm |
| Cable length | 10 m | Temperature range, moving, min. | -20 °C |
| Temperature range, moving, max. | 80 °C | Temperature range, stationary, min. | -50 °C |
| Temperature range, stationary, max. | 80 °C | Halogen | No |
| Suitable for cable carriers | No | Torsion resistance | 0 °/m |
| Bending radius, min., moving | 7.5 x cable diameter | Resistant to welding beads | No |

### General technical data

| | | | |
|---|---|---|---|
| Version | Female socket, straight | Contact tube diameter | 7/8" |
| Housing main material | PUR | Threaded ring material | Diecast zinc |
| Coding | none | Protection degree | IP 68, (when screwed in) |
| Contact surface | Au (Gold) | LED | No |
| Rated voltage | 300 V | Rated current | 9 A |
| Insulation resistance | $10^8$ Ω | Temperature range of housing | -25...+85 °C |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| jumpered | No | | |

### Classifications

| | | | |
|---|---|---|---|
| eClass 6.2 | 27-26-07-02 | eClass 7.1 | 27-44-01-02 |

### Approvals

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

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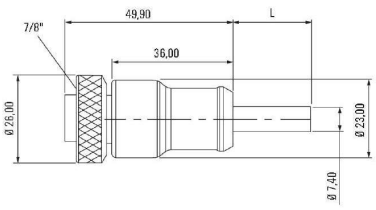
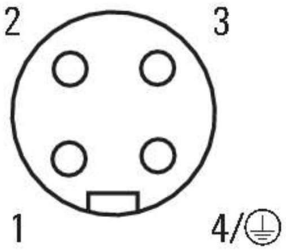
## Zeichnungen

### Dimensioned drawing




### Pole scheme




### Circuit diagram

### The ideal tool, the 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