# SAIL-7/8G-5-1.5U

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

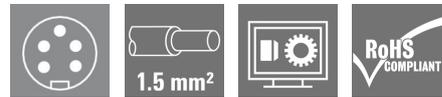| | |
|---|---|
| Version | Sensor/actuator line, One end without connector, 7/8", Number of poles : 5 (4 + PE), 1.5 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1292170150 |
| Type | SAIL-7/8G-5-1.5U |
| GTIN (EAN) | 4050118088168 |
| Qty. | 1 pc(s). |

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# SAIL-7/8G-5-1.5U

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 234 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 | 1.5 m | | |
| Colour coding | brown, white, blue, black, Green/yellow | | |
| Configurable cable length | No | | |
| Core cross-section | 1.5 mm² | | |
| Halogen | No | | |
| Housing main material | PUR | | |
| Insulation | TPM | | |
| Number of poles | 5 | | |
| Number of poles | 5 (4 + PE) | | |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V) | | |
| Outer diameter | 8.7 mm | | |
| Outside diameter | | Diameter | 8.7 mm |
| | | Signs | ± |
| | | Tolerance | 0.2 mm |
| 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, moving, max. | 80 °C | | |
| Temperature range, moving, min. | -20 °C | | |
| Temperature range, stationary | -50...80 °C | | |
| Temperature range, stationary, max. | 80 °C | | |
| Temperature range, stationary, min. | -50 °C | | |
| Torsion resistance | 0 °/m | | |

### General technical data

| | | | |
|---|---|---|---|
| Coding | none | Connection thread | 7/8" |
| Contact surface | Au (Gold) | Housing main material | PUR |
| Insulation strength | $10^8$ 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 | Version | pin, straight |
| jumpered | No | | |

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## Technical data

### 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

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | E307231 |

### Downloads

| | |
|---|---|
| Engineering Data | EPLAN, WSCAD |

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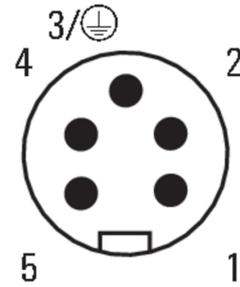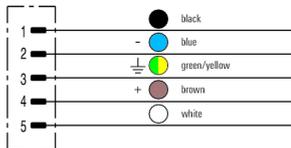
## Drawings

### Dimensioned drawing
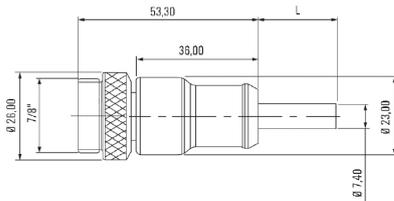
Male, straight

### Pole scheme

Male

### Wiring diagram

### The ideal tool: 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

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.