# SAIL-7/8G7/8G-5-1.5U

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## Dimensioned drawing



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-7/8G7/8G-5-1.5U |
| Order No. | 2519450150 |
| Version | Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 1.5 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118533613 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 120 g |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Number of poles | 5 (4 + PE) | Core cross-section | 1.5 mm² |
| Outside diameter | 8.7 ± 0.2 mm | Cable length | 1.5 m |
| Shielded | No | Insulation | TPM |
| Colour coding | brown, white, blue, black, Green/yellow | Sheath material | PUR |
| Sheathing colour | black | Halogen | No |
| Temperature range, moving | -20...80 °C | Temperature range, stationary | -50...80 °C |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V) | Suitable for cable carriers | No |
| Torsion resistance | 0 °/m | Bending radius, min., moving | 7.5 x cable diameter |
| Resistant to welding beads | No | Hybrid cable | No |
| Irradiation crosslinked | No | Configurable cable length | No |

### General technical data

| | | | |
|---|---|---|---|
| Version | pin, straight - socket, straight | Connection thread | 7/8" |
| Housing main material | PUR | Threaded ring material | Diecast zinc |
| Coding | none | Protection degree | IP68, when screwed in |
| Contact surface | Au (Gold) | LED | No |
| Rated voltage | 300 V | Rated current | 9 A |
| Insulation strength | $10^8$ Ω | Temperature range of housing | -25...+85 °C |
| Tightening torque | 7/8": 1.5 Nm | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | jumpered | No |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC001855 | eClass 6.2 | 27-26-07-02 |
| eClass 9.0 | 27-06-03-11 | eClass 9.1 | 27-06-03-11 |

### Approvals

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

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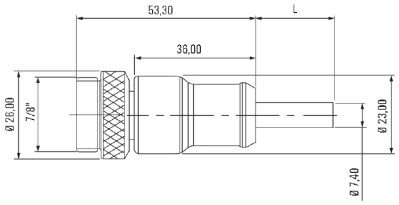
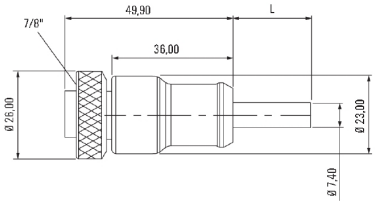
## Drawings

### Dimensioned drawing




### Pole scheme

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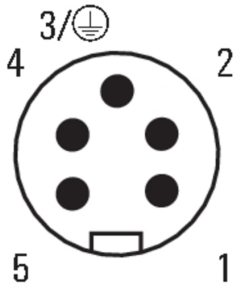


### Wiring diagram

