

SAIL-7/8G7/8G-5-5.0U

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

www.weidmueller.com

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

| | |
|------------|---|
| Version | Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 5 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 2519450500 |
| Type | SAIL-7/8G7/8G-5-5.0U |
| GTIN (EAN) | 4050118533637 |
| Qty. | 1 Stück |

Erstellungs-Datum May 16, 2023 9:45:26 AM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Net weight 400 g

Technical specifications for cable

| | | | |
|-------------------------------|---|--|------------------------|
| Bending radius, min., moving | 7.5 x cable diameter | Cable length | 5 m |
| Colour coding | brown, white, blue, black, Green/yellow | Configurable cable length | No |
| Core cross-section | 1.5 mm ² | Halogen | No |
| Insulation | TPM | Irradiation crosslinked | No |
| 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 | Yes | Temperature range, moving | -20...80 °C |
| Temperature range, stationary | -50...80 °C | Torsion resistance | 0 °/m |
| Welding spark resistance | No | | |

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 | -40 ... +85 °C |
| Threaded ring material | Diecast zinc | Tightening torque | 7/8": 1.5 Nm |
| Version | pin, straight - socket, straight | jumpered | No |

Electrical properties

Insulation strength 10⁸ Ω Rated voltage 300 V

Plug

| | | | |
|------|------------------------|---|--|
| Plug | Cable side | left | |
| | Protection degree (IP) | IP68 | |
| | Gender of contact | male contact | |
| | Outlet direction | straight | |
| | Housing main material | Plastic | |
| | Shielding available | No | |
| | Cable side | right | |
| | Protection degree (IP) | IP68 | |
| | Gender of contact | female contact | |
| | Outlet direction | straight | |
| | Housing main material | Plastic | |
| | Shielding available | No | |
| | Plug left | IP68, male contact, straight, Plastic, unshielded | |
| | Plug right | IP68, female contact, straight, Plastic, unshielded | |

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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 | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

Approvals

Approvals



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

Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

Datenblatt

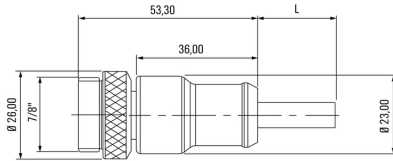
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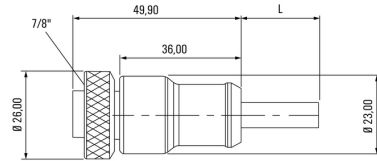
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Zeichnungen

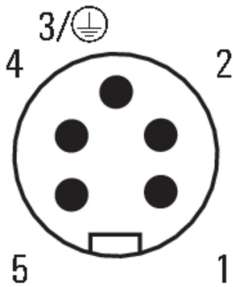
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

