

SAIL-M8G-3-0.35V

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

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, M12 / M8, Number of poles : 3, 0.35 m, pin, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1927230035 |
| Type | SAIL-M8G-3-0.35V |
| GTIN (EAN) | 4050118473377 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



RoHS Conform

Dimensions and weights

Net weight 15 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

| | |
|-------------------------------|--------------------|
| Cable length | 0.35 m |
| Suitable for cable carriers | No |
| Shielded | No |
| Insulation | PVC |
| Configurable cable length | No |
| Irradiation crosslinked | No |
| Colour coding | brown, blue, black |
| Temperature range, stationary | -30...80 °C |
| Temperature range, moving | -5...80 °C |
| Outside diameter | 4.5 mm ± 0.2 mm |

| | |
|--|----------------------|
| Sheathing colour | black |
| Core cross-section | 0.25 mm ² |
| Halogen | Yes |
| Sheath material | PVC |
| Outer cladding in accordance with UL AWM style | 2464 (80 °C / 300 V) |
| Welding spark resistance | No |
| Torsion resistance | 0 °/m |
| Resistant to welding beads | No |
| Number of poles | 3 |

General technical data

| | |
|------------------------------|---------------|
| Coding | A-coded |
| Contact surface | Gold-plated |
| Version | pin, straight |
| Insulation resistance | 108 Ω |
| Nominal current | 4 A |
| Plugging cycles | ≥ 100 |
| jumpered | No |
| Temperature range of housing | -25...+85 °C |

| | |
|------------------------|----------------------|
| Connection thread | M12 / M8 |
| LED | No |
| Housing main material | PUR |
| Nominal voltage | 60 V |
| Protection degree | IP65, IP66 |
| Pollution severity | 3 |
| Threaded ring material | Brass, nickel-plated |

Electrical properties

| | |
|-----------------------|-------|
| Insulation resistance | 108 Ω |
| Nominal voltage | 60 V |

General standards

| | |
|--------------------|----------------------------------|
| Connector standard | IEC 61076-2-101, IEC 61076-2-104 |
|--------------------|----------------------------------|

Standards

| | |
|--------------------|----------------------------------|
| Connector standard | IEC 61076-2-101, IEC 61076-2-104 |
|--------------------|----------------------------------|

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Technical data**Plug, left**

Plug left M8, IP69, male contact,
straight, Plastic,
unshielded

Plug, right

Plug right free conductor end

Classifications

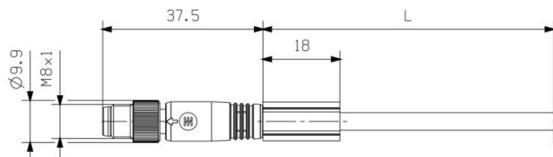
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001855 | ETIM 9.0 | EC001855 |
| ETIM 10.0 | EC001855 | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 | | |

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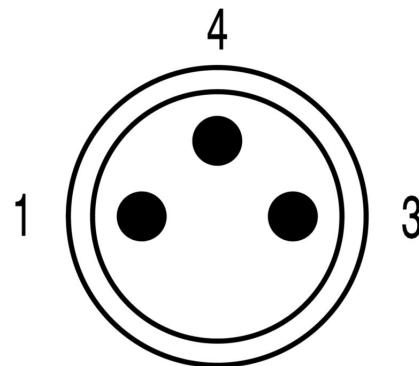
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Drawings

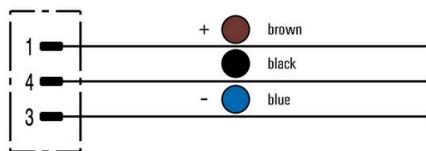
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Dimensioned drawing

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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Drawings