

SAIL-M12GM12W-4-3LR2.0TOV

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

www.weidmueller.com



General ordering data

| | |
|------------|--|
| Version | Sensor/actuator line, M12 / M12, Number of poles : 4, 2 m, Shielded: No, LED: Yes, Sheath material: PUR, Halogen: No |
| Order No. | 2812610200 |
| Type | SAIL-M12GM12W-4-3LR2.0TOV |
| GTIN (EAN) | 4064675342649 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



UL File Number Search [UL Website](#)
 Certificate No. (UL) E307231

Dimensions and weights

Net weight 110 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c, 7cl
 REACH SVHC Lead 7439-92-1
 SCIP bd63baef-8092-4596-90c7-5b4daa22710b

Technical specifications for cable

| | | | |
|--------------------------------------|-----------------------|--|---------------------------|
| Cable length | 2 m | Sheathing colour | orange |
| Suitable for cable carriers | Yes | Core cross-section | 0.34 mm ² |
| Shielded | No | Halogen | No |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Bending cycles | 10 Mio | Sheath material | PUR |
| LABS-free | Yes | Outer cladding in accordance with UL AWM style | 20233 (80 °C / 300 V) |
| Core in accordance with UL AWM style | 10995 (80 °C / 300 V) | Irradiation crosslinked | No |
| Welding spark resistance | Yes | Colour coding | brown, blue, black, white |
| Torsion resistance | 360 °/m | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | Yes | Temperature range, moving | -25...80 °C |
| Number of poles | 4 | Outside diameter | 4.9 mm ± 0.2 mm |

General technical data

| | | | |
|------------------------------|---|--------------------|-----------|
| Coding | A-coded | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | LED | Yes |
| Housing main material | PUR | Nominal voltage | 24 V |
| Nominal current | 4 A | AF size | 12 mm |
| Protection degree | IP65, IP66, IP67, IP68, when screwed in | Pollution severity | 3 |
| Temperature range of housing | -25...+85 °C | | |

Electrical properties

Nominal voltage 24 V

General standards

Certificate No. (UL) E307231

Plug, left

Plug left M12, A-coded, IP68, male contact, straight, Plastic

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Technical data**Plug, right**

| | |
|------------|--|
| Plug right | M12, A-coded, IP68, female contact, angled 90°, Plastic, LED |
|------------|--|

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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Drawings

Detailed drawing



Dimensioned drawing



Dimensioned drawing



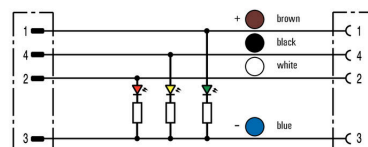
Pole scheme



Pole scheme



Wiring diagram



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Drawings

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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