

SAIL-M12WM12G-T-10H**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

| | |
|------------|---|
| Version | Power cable, Connecting line, M12 / M12, Number of poles : 4, 10 m, pin, angled - bush straight, Shielded: No, Sheath material: PUR, Halogen: No |
| Order No. | 2050891000 |
| Type | SAIL-M12WM12G-T-10H |
| GTIN (EAN) | 4050118442199 |
| Qty. | 1 pc(s). |

Creation date March 26, 2021 10:07:25 PM CET

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

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Technical data**Dimensions and weights**

Net weight 500 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

| | | |
|--|---------------------------|--------|
| Acceleration | 5 m/s ² | |
| Bending cycles | 10 Mio | |
| Bending radius, min., moving | 7.5 x cable diameter | |
| Bending radius, min., stationary | 4 x cable diameter | |
| Cable length | 10 m | |
| Colour coding | black, blue, white, brown | |
| Configurable cable length | No | |
| Core cross-section | 2.5 mm ² | |
| Halogen | No | |
| Housing main material | PUR | |
| Insulation | PP | |
| Number of poles | 4 | |
| Number of poles | 4 | |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V) | |
| Outside diameter | Diameter | 11 mm |
| | Signs | ± |
| | Tolerance | 0.4 mm |
| Outside diameter | 11 mm ± 0.4 mm | |
| Resistant to welding beads | No | |
| Sheath material | PUR | |
| Sheathing colour | black | |
| Shielded | No | |
| Speed | 5 m/s | |
| Suitable for cable carriers | Yes | |
| Temperature range, moving | -40...90 °C | |
| Temperature range, moving, max. | 90 °C | |
| Temperature range, moving, min. | -40 °C | |
| Temperature range, stationary | -50...90 °C | |
| Temperature range, stationary, max. | 90 °C | |
| Temperature range, stationary, min. | -50 °C | |

General technical data

| | | | |
|------------------------------|-------------------|-----------------------|-----------------------------|
| Coding | T | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | Housing main material | PUR |
| Insulation strength | 10 ⁸ Ω | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Protection degree | IP67, when screwed in |
| Rated current | 12 A | Rated voltage | 63 V |
| Temperature range of housing | -25...+80 °C | Version | pin, angled - bush straight |

Standards

Connector standard IEC 61076-2-111

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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

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

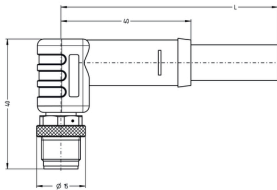
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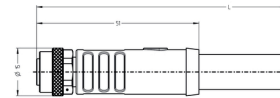
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Drawings

Dimensioned drawing



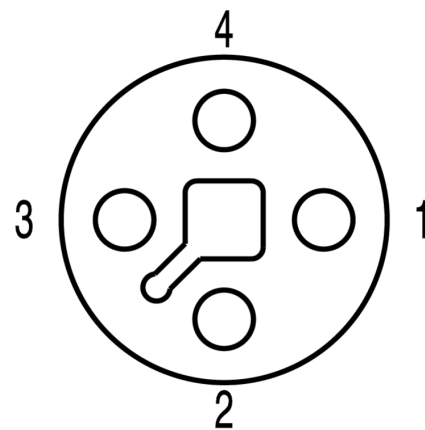
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

