

SAIL-M12BG-5-3.0TOV

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

www.weidmueller.com

Product image



General ordering data

| | |
|------------|--|
| Version | Sensor/actuator line, M12, Number of poles : 5, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 2812640300 |
| Type | SAIL-M12BG-5-3.0TOV |
| GTIN (EAN) | 4064675342182 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

Dimensions and weights

Net weight 130 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP bd63baef-8092-4596-90c7-5b4daa22710b

Technical specifications for cable

| | | | |
|--------------------------------------|-----------------------|--|---------------------------------|
| Cable length | 3 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, black, blue, white, grey |
| Torsion resistance | 360 °/m | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | Yes | Temperature range, moving | -25...80 °C |
| Number of poles | 5 | Outside diameter | 5.2 mm ± 0.2 mm |

General technical data

| | | | |
|--------------------|-------------------------|------------------------------|---|
| Coding | A-coded | Connection thread | M12 |
| Contact surface | Gold-plated | LED | No |
| Version | Female socket, straight | 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. (cULus) E307231

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Technical data

Plug, left

| | |
|-----------|--|
| Plug left | connector, M12, A-coded, Number of poles: 5, male contact, straight, 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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Drawings

Detailed drawing



Dimensioned drawing



Pole scheme



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