

SAIL-M12BG-5-3.0TYV

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. | 2812750300 |
| Type | SAIL-M12BG-5-3.0TYV |
| GTIN (EAN) | 4064675428305 |
| 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 158.4 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 | yellow |
| Resistance to oils | in accordance with IEC 60811:404 | Core cross-section | 0.34 mm ² |
| Shielded | No | Halogen | No |
| Insulation | TPE | Cable Material | PUR |
| 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, grey |
| Torsion resistance | 360 °/m | Temperature range, stationary | -30...105 °C |
| Resistant to welding beads | Yes | Bending cycles at torsion | > 5 Mio. |
| Temperature range, moving | -40...105 °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 | 60 V | Nominal current | 4 A |
| Protection degree | IP65, IP66, IP67, IP68, when screwed in | Threaded ring material | Brass, nickel-plated |
| Temperature range of housing | -25...+85 °C | Tightening torque | M12: 0.8 - 1.2 Nm |

Electrical properties

Nominal voltage 60 V

General standards

Certificate no. (cULus) E307231

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Technical data

Plug, left

| | |
|-----------|---|
| Plug left | M12, A-coded, IP68, 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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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