

SAIL-M12GM12W-CD-1.5A

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

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, Ether-CAT and Ethernet.

General ordering data

| | |
|------------|---|
| Version | Bus line, Connecting line, M12 / M12, Number of poles: 5, 1.5 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1061990150 |
| Type | SAIL-M12GM12W-CD-1.5A |
| GTIN (EAN) | 4032248811694 |
| 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

| | | | |
|------------|--------|-----------------|-------------|
| Length | 1.5 mm | Length (inches) | 0.0591 inch |
| Net weight | 110 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-fd555bf5cb55 |

Technical specifications for cable

| | | | |
|--|---|-----------------------------------|---|
| Cable length | 1.5 m | Sheathing colour | violet |
| Resistance to oils | in accordance with IEC 60811:404 | Suitable for cable carriers | Yes |
| Core cross-section | 0.38 mm ² | Number of wires | 5 |
| Shielded | Yes | Halogen | No |
| Insulation | PE, Polyolefin | Acceleration | 4 m/s ² |
| Bending radius, min., moving | 8 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Bending cycles | 2 Mio | Wire cross section (Print/Online) | 2 x 0.34 mm ² + 2 x 0.22 mm ² |
| Resistance to spread of flame | in accordance with IEC 60332-1-2, in accordance with UL 1581 VW-1 and UL 2556 sec.9.4 | Speed | 4 m/s |
| Sheath material | PUR | Configurable cable length | No |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) | Hybrid cable | Yes |
| Irradiation crosslinked | No | Welding spark resistance | No |
| Colour coding | red, black, white, blue | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | No | Temperature range, moving | -30...70 °C |
| Number of poles | 5 | Outside diameter | 6.9 mm ± 0.3 mm |

General technical data

| | | | |
|------------------------------|-----------------------------|------------------------|----------------------|
| Coding | A-coded | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | LED | No |
| Version | pin, straight - socket, 90° | Housing main material | PUR |
| Contact material | CuZn35PB2 | Nominal voltage | 125 V |
| Nominal current | 4 A | Protection degree | IP67 |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| jumpered | No | Threaded ring material | Brass, nickel-plated |
| Temperature range of housing | -25...+80 °C | Tightening torque | M12: 0.8 - 1.2 Nm |

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Electrical properties

Nominal voltage 125 V

General standards

Certificate no. (cULus) E307231

Plug, left

Plug left M12, A-coded, Number of poles: 5, IP67, male contact, straight, plug, shielded

Plug, right

Plug right M12, A-coded, Number of poles: 5, IP67, female contact, angled 0°, plug, shielded

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 | | |

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Drawings

Dimensioned drawing



Male, straight



Socket angled

Pole scheme



Pole scheme



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Drawings

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