

SAIL-M12GM12G-CD-0.5A

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™, EtherCAT and Ethernet.

General ordering data

| | |
|------------|--|
| Version | Bus line, Connecting line, M12 / M12, Number of poles: 5, 0.5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1964710050 |
| Type | SAIL-M12GM12G-CD-0.5A |
| GTIN (EAN) | 4050118336160 |
| 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 | 59 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-fd55fbf5cb55 |

Technical specifications for cable

| | | | |
|--|---|-------------------------------|---------------------|
| Cable length | 0.5 m | Sheathing colour | violet |
| Suitable for cable carriers | Yes | Shielded | Yes |
| Halogen | No | Insulation | TPE |
| Acceleration | 5 m/s ² | Bending radius, min., moving | 10 x cable diameter |
| Bending radius, min., stationary | 5 x cable diameter | Bending cycles | 3 Mio |
| Wire cross section (Print/Online) | 2 x 0.34 mm ² + 2 x 0.22 mm ² | Speed | 180 m/s |
| Sheath material | PUR | Configurable cable length | No |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) | Hybrid cable | No |
| Irradiation crosslinked | No | Welding spark resistance | No |
| Colour coding | white, blue, red, black | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | No | Temperature range, moving | -10...80 °C |
| Number of poles | 5 | Outside diameter | 7 mm ± 0.3 mm |

General technical data

| | | | |
|------------------------------|----------------------------------|------------------------|----------------------|
| Coding | A-coded | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | LED | No |
| Version | pin, straight - socket, straight | Housing main material | PUR |
| Insulation resistance | 108 Ω | 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 |

Electrical properties

| | | | |
|-----------------------|-------|-----------------|-------|
| Insulation resistance | 108 Ω | Nominal voltage | 125 V |
|-----------------------|-------|-----------------|-------|

General standards

| | |
|-------------------------|---------|
| Certificate no. (cULus) | E307231 |
|-------------------------|---------|

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Technical data**Plug, left**

| | |
|-----------|---|
| Plug left | M12, A-coded, IP67, male contact, straight, Plastic, shielded |
|-----------|---|

Plug, right

| | |
|------------|---|
| Plug right | M12, A-coded, IP67, female contact, straight, Plastic, 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

www.weidmueller.com

Dimensioned drawing

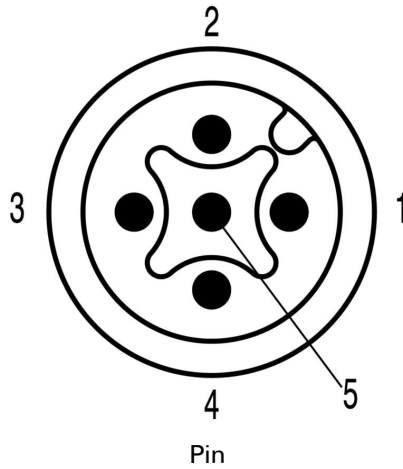


Male, straight



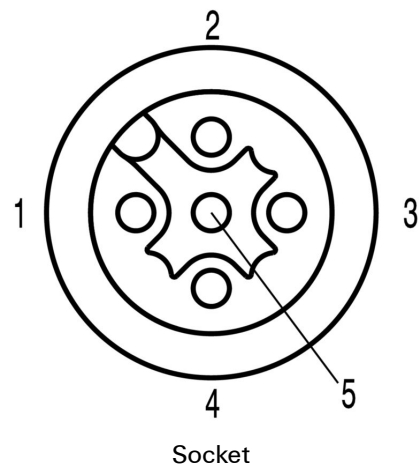
Straight socket

Pole scheme



Pin

Pole scheme



Socket

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