

SAIL-M12GM12G-PB-40D

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: 2, 40 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1873314000 |
| Type | SAIL-M12GM12G-PB-40D |
| GTIN (EAN) | 4032248726868 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2026-04-30T00:00:00+02:00 |

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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 2209.68 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 | 40 m | Sheathing colour | violet |
| Suitable for cable carriers | Yes | Shielded | Yes |
| Halogen | No | Insulation | TPE |
| Acceleration | 5 m/s ² | Bending radius, min., moving | 12 x cable diameter |
| Bending radius, min., stationary | 7.5 x cable diameter | Bending cycles | 2 Mio |
| Wire cross section (Print/Online) | PUR 0.25 mm ² / PVC 0.34 mm ² | Speed | 3 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 |
| Core cross-section AWG | AWG 24 | Colour coding | red, green |
| Temperature range, stationary | -40...70 °C | Resistant to welding beads | No |
| Temperature range, moving | -20...60 °C | Number of poles | 2 |
| Outside diameter | 7.8 mm ± 0.2 mm | | |

General technical data

| | | | |
|------------------------|----------------------------------|------------------------------|--------------|
| Coding | B-coded | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | LED | No |
| Version | pin, straight - socket, straight | Housing main material | PUR |
| Insulation resistance | 108 Ω | Contact material | Ni/Au |
| Nominal voltage | 250 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 | 250 V |
|-----------------------|-------|-----------------|-------|

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General standards

Certificate no. (cULus) E307231

Plug, left

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

Plug, right

Plug right M12, B-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