

SAIL-M8GM8SG-4S5.0UIE

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

www.weidmueller.com

Product image



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, M8 / M8, Number of poles: 4, 5 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1160930500 |
| Type | SAIL-M8GM8SG-4S5.0UIE |
| GTIN (EAN) | 4032248949120 |
| Qty. | 1 items |

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Technical data**Approvals**

Approvals



ROHS Conform

Dimensions and weights

Net weight 138.16 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c
 REACH SVHC Lead 7439-92-1
 SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

| | | | |
|--|--|----------------------------------|----------------------|
| Cable length | 5 m | Sheathing colour | green |
| Suitable for cable carriers | Yes | Core cross-section | 0.15 mm ² |
| Shielded | Yes | Halogen | No |
| Insulation | PP | Acceleration | 5 m/s ² |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Bending cycles | 5 Mio | Speed | 180 m/s |
| Sheath material | PUR | Configurable cable length | No |
| Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V) | Hybrid cable | No |
| Irradiation crosslinked | No | Welding spark resistance | No |
| Colour coding | blue, orange, white / blue, white / orange | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | No | Number of poles | 4 |
| Outside diameter | 4.8 mm ± 0.3 mm | | |

General technical data

| | | | |
|------------------------|---------------------------------|------------------------------|--------------|
| Coding | none | Connection thread | M8 / M8 |
| Contact surface | Gold-plated | LED | No |
| Version | Male, straight - male, straight | Housing main material | PUR |
| Nominal voltage | 30 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 | M8: 0.6 Nm | | |

Electrical properties

Nominal voltage 30 V

Plug, left

Plug left M8, IP67, male contact, straight, Plastic, shielded

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Technical data**Plug, right**

| | |
|------------|--|
| Plug right | M8, IP67, male 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

Dimensioned drawing



Dimensioned drawing

Pole scheme



Male

Pole scheme



Male connector

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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