

SAIL-M12GM12G-TS-5.0U

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

www.weidmueller.com

Product image

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

| | |
|------------|--|
| Version | Sensor/actuator line, M12 / M12, Number of poles : 4, 5 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 2490240500 |
| Type | SAIL-M12GM12G-TS-5.0U |
| GTIN (EAN) | 4064675257387 |
| Qty. | 1 items |

SAIL-M12GM12G-TS-5.0U

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 640 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 | black |
| Suitable for cable carriers | Yes | Core cross-section | 1.5 mm ² |
| Shielded | Yes | Halogen | No |
| Insulation | TPE | Acceleration | 50 m/s ² |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Bending cycles | 10 Mio | Sheath material | PUR |
| Configurable cable length | No | Irradiation crosslinked | No |
| Colour coding | brown, white, blue, black | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | Yes | Temperature range, moving | -30...80 °C |
| Number of poles | 4 | | |

General technical data

| | | | |
|------------------------------|--|-----------------------|-----------|
| Coding | T-coded | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | LED | No |
| Version | Male pin, straight - Female socket, straight | Housing main material | PUR |
| Nominal voltage | 60 V | Nominal current | 12 A |
| Protection degree | IP65, IP67 | Pollution severity | 3 |
| Temperature range of housing | -40 ... +85 °C | | |

Electrical properties

Nominal voltage 60 V

General standards

Connector standard IEC 61076-2-111

Standards

Connector standard IEC 61076-2-111

SAIL-M12GM12G-TS-5.0U

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

www.weidmueller.com

Technical data

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 | | |

SAIL-M12GM12G-TS-5.0U

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

www.weidmueller.com

Drawings

Dimensioned drawing



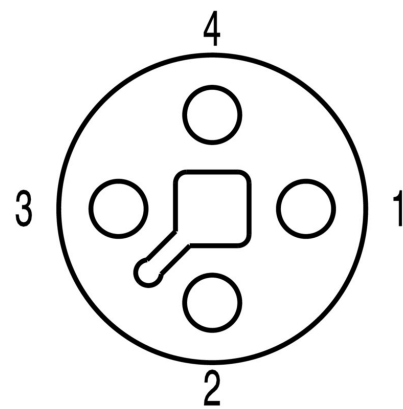
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

