

SAIL-M8GM8G-4S3.0UIE**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, M8 / M8, Number of poles: 4, 3 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1296770300 |
| Type | SAIL-M8GM8G-4S3.0UIE |
| GTIN (EAN) | 4050118111026 |
| Qty. | 1 items |

SAIL-M8GM8G-4S3.0UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

Dimensions and weights

Net weight 100 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 | 3 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 | pin, straight - socket, 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

General standards

Certificate no. (cULus) E307231

SAIL-M8GM8G-4S3.0UIE

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

www.weidmueller.com

Technical data

Plug, left

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

Plug, right

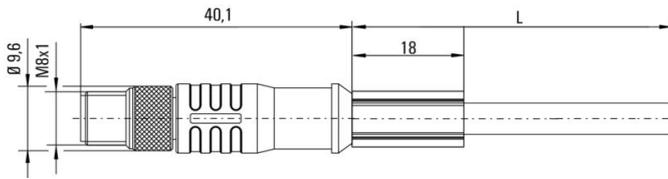
| | |
|------------|---|
| Plug right | M8, IP67, female contact, straight, Plastic, shielded |
|------------|---|

Classifications

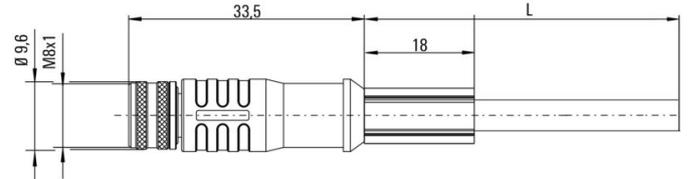
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 | | |

Drawings

Dimensioned drawing



Male, straight

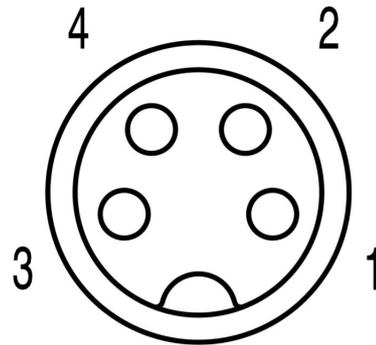


Straight socket

Pole scheme

Pole scheme

Pin



Socket

SAIL-M8GM8G-4S3.0UIE

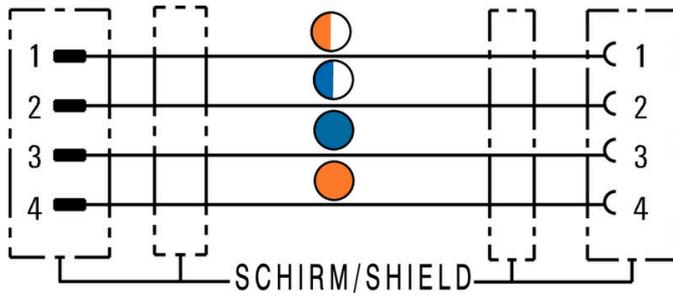
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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