Data sheet

# SAIL-M8G-4S7.5UIE

**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, DeviceNetTM, EtherCAT and Ethernet.

## General ordering data

| | |
|---|---|
| Version | Bus line, One end without connector, M8, Number of poles: 4, 7.5 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1160820750 |
| Type | SAIL-M8G-4S7.5UIE |
| GTIN (EAN) | 4050118103144 |
| 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 | 197.12 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | e8d8af70-4c85-4483-bc8c-9bc5b598e2a9 |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Cable length | 7.5 m | Sheathing colour | green |
| Resistance to oils | in accordance with IEC 60811:404 | Suitable for cable carriers | Yes |
| Core cross-section | 0.15 mm² | Number of wires | 4 |
| Shielded | Yes | Halogen | No |
| Insulation | PP | Acceleration | 5 m/s² |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Bending cycles | 5 Mio | Resistance to spread of flame | in accordance with IEC 60332-1-2 |
| Speed | 180 m/min | Sheath material | PUR |
| Cable length configurable | No | Type is hybrid cable | No |
| Irradiation crosslinked | No | Welding spark resistance | No |
| Colour coding | white / orange, white / blue, blue, orange | Temperature range, stationary | -40...80 °C |
| Resistant to welding beads | No | Temperature range, moving | -30...70 °C |
| Number of poles | 4 | Outside diameter | 4.8 mm - 0.3 mm |

### General technical data

| | | | |
|---|---|---|---|
| Coding | M8 = none | Connection thread | M8 |
| Contact surface | Gold-plated | LED | No |
| Version | pin, straight | Housing main material | PUR |
| Insulation resistance | 108 Ω | Nominal voltage | 60 V |
| Nominal current | 4 A | AF size | 9 mm |
| Protection degree | IP65, IP67, when screwed in | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | jumpered | No |
| Threaded ring material | Brass, nickel-plated | Temperature range of housing | -30...+90 °C |
| Tightening torque | M8: 0.6 Nm | | |

### Electrical properties

| | | | |
|---|---|---|---|
| Insulation resistance | 108 Ω | Nominal voltage | 60 V |

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## Technical data

### General standards

| | | | |
|---|---|---|---|
| Connector standard | IEC 61076-2-104 | Certificate no. (cULus) | E307231 |

### Plug, left

| | |
|---|---|
| Plug left | M8, Number of poles: 4, IP67, male contact, straight, plug, shielded |

### Plug, right

| | |
|---|---|
| Plug right | Free conductor end |

### 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 | | |

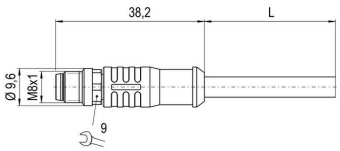
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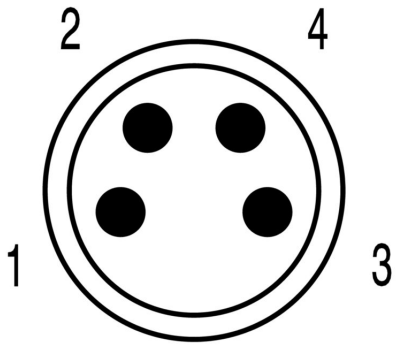
## Drawings

### Dimensioned drawing



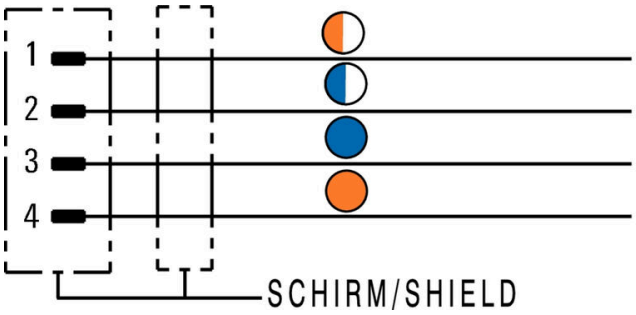

Male, straight

### Pole scheme




Pin

### 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

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## Drawings