

**SAIL-M8GRJ45-4S5.0UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, M8, Number of poles: 4, 5 m, pin, straight, RJ45, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1201210500</a>   |
| Type       | SAIL-M8GRJ45-4S5.0UIE  |
| GTIN (EAN) | 4032248985142  |
| Qty.       | 1 pc(s).   |

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**Technical data****Dimensions and weights**

|            |       |
|------------|-------|
| Net weight | 160 g |
|------------|-------|

**Technical specifications for cable**

|                               |                                  |  |  |
|-------------------------------|----------------------------------|--|--|
| Acceleration                  | 5 m/s <sup>2</sup>               | Bending cycles                                 | 5 Mio                                      |
| Bending radius, min., moving  | 7.5 x cable diameter             | Bending radius, min., stationary               | 4 x cable diameter                         |
| Cable length                  | 5 m                              | Colour coding                                  | blue, orange, white / blue, white / orange |
| Configurable cable length     | No                               | Core cross-section                             | 0.15 mm <sup>2</sup>                       |
| Halogen                       | No                               | Hybrid cable                                   | No   |
| Insulation                    | PP                               | Irradiation crosslinked                        | No   |
| Number of poles               | 4                                | Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V)                       |
| Outside diameter              | 4.8 mm ± 0.3 mm                  | Resistance to oils                             | Yes  |
| Resistance to spread of flame | in accordance with IEC 60332-1-2 | Resistant to welding beads                     | No   |
| Sheath material               | PUR                              | Sheathing colour                               | green                                      |
| Shielded                      | Yes                              | Speed  | 180 m/s                                    |
| Suitable for cable carriers   | Yes                              | Temperature range, stationary                  | -40...80 °C                                |
| Welding spark resistance      | No                               |  |  |

**General technical data**

|                              |                  |                        |                      |
|------------------------------|------------------|------------------------|----------------------|
| Coding                       | none             | Connection thread      | M8                   |
| Contact surface              | Gold-plated      | Housing main material  | PUR                  |
| LED                          | No               | Plugging cycles        | ≥ 100                |
| Pollution severity           | 3                | Protection degree      | IP67                 |
| Rated current                | 4 A              | Rated voltage          | 30 V                 |
| Temperature range of housing | -25...+80 °C     | Threaded ring material | Brass, nickel-plated |
| Tightening torque            | M8: 0.5 - 0.6 Nm | Version                | pin, straight, RJ45  |
| jumped                       | No               |                        |                      |

**Electrical properties**

|               |      |
|---------------|------|
| Rated voltage | 30 V |
|---------------|------|

**Plug, left**

|           |  |
|-----------|--|
| Plug left | connector, M8, 4, IP67, male contact, straight, shielded |
|-----------|--|

**Plug, right**

|            |   |
|------------|---|
| Plug right | connector, RJ45, IP20, male contact, straight, shielded |
|------------|---|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ECLASS 9.0  | 27-06-03-08 | ECLASS 9.1  | 27-06-03-08 |
| ECLASS 10.0 | 27-06-03-08 | ECLASS 11.0 | 27-06-03-08 |
| ECLASS 12.0 | 27-06-03-08 | ECLASS 13.0 | 27-06-03-08 |

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Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

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

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>  |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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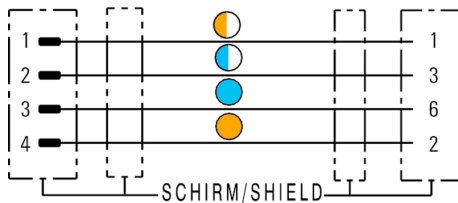
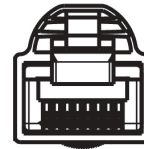
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**Drawings**
**Dimensioned drawing**


Male, straight

**Pole scheme**


Pin

**Wiring diagram**

**Dimensioned drawing**

**Pole scheme**
**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