

**SAIL-M8GRJ45-4S0.5UIE****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, Number of poles: 4, 0.5 m, pin, straight, RJ45, Shielded: Yes, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1201210050</a>                                                                                 |
| Type       | SAIL-M8GRJ45-4S0.5UIE                                                                                      |
| GTIN (EAN) | 4050118538618                                                                                              |
| Qty.       | 1 pc(s).                                                                                                   |

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

|            |      |
|------------|------|
| Net weight | 26 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                                   | 0.5 m                | Colour coding                    | blue, orange, white / blue, white / orange |
| Core cross-section                             | 0.15 mm <sup>2</sup> | Halogen                          | No                                         |
| Insulation                                     | PP                   | 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           |
| Sheath material                                | PUR                  | Sheathing colour                 | green                                      |
| Shielded                                       | Yes                  | Speed                            | 180 m/s                                    |
| Suitable for cable carriers                    | Yes                  | Temperature range, stationary    | -40...80 °C                                |

**General technical data**

|                              |                  |                        |                      |
|------------------------------|------------------|------------------------|----------------------|
| Housing main material        | PUR              | Protection degree      | IP67                 |
| 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  |
| jumpered                     | No               |                        |                      |

**Plug, left**

|           |                                                                           |
|-----------|---------------------------------------------------------------------------|
| Plug left | connector, M8, Number of poles: 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    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 |             |             |

**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 |

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Approvals



Approvals MAMID

[https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

ROHS

Conform

**Downloads**

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

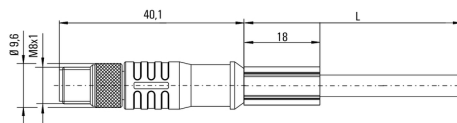
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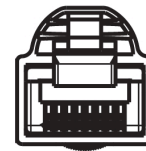
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# Drawings

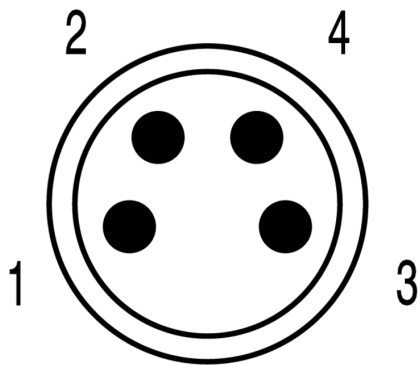
## Dimensioned drawing



Male, straight



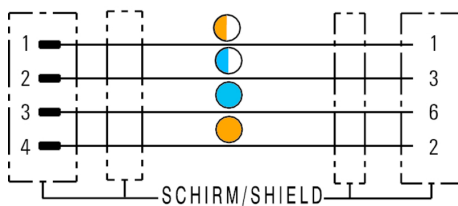
## Pole scheme



Pin

## Pole scheme

## 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