

**SAIBM-M8-4P(TL)****Weidmüller Interface GmbH & Co. KG**

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Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited.

The solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

**General ordering data**

|            |  |
|------------|--|
| Type       | SAIBM-M8-4P(TL)  |
| Order No.  | <a href="#">1921020000</a>   |
| Version    | Sockets prefabricated to customer spec., M8, Female socket, straight |
| GTIN (EAN) | 4032248562466  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 18 g |
|------------|------|

## Temperatures

|                                   |       |                                   |        |
|-----------------------------------|-------|-----------------------------------|--------|
| Operating temperature range, max. | 85 °C | Operating temperature range, min. | -25 °C |
| Operating temperature, max.       | 85 °C | Operating temperature, min.       | -40 °C |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Technical data customisable plug-in connectors

|                                |                      |                                |                      |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Cable diameter, max.           | 5.5 mm               | Cable diameter, min.           | 3.5 mm               |
| Coding                         | none                 | Connection cross-section, max. | 0.25 mm <sup>2</sup> |
| Connection cross-section, min. | 0.25 mm <sup>2</sup> | Contact surface                | Gold-plated          |
| Housing main material          | CuZn                 | Insulation resistance          | 10 <sup>8</sup> Ω    |
| No. of poles                   | 4                    | Plugging cycles                | ≥ 100                |
| Pollution severity             | 3                    | Protection degree              | IP67                 |
| Rated current                  | 4 A                  | Rated voltage                  | 30 V                 |
| Shield connection              | Yes                  | Temperature range of housing   | -40 ... +85 °C       |
| Threaded ring material         | Diecast zinc         | Type of connection             | Solder connection    |

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-104 |
|--------------------|-----------------|

## Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC002062    | ETIM 4.0   | EC002635    |
| ETIM 5.0   | EC002635    | ETIM 6.0   | EC002062    |
| UNSPSC     | 30-21-18-10 | eClass 5.1 | 27-26-07-01 |
| eClass 6.2 | 27-26-07-02 | eClass 7.1 | 27-44-01-02 |
| eClass 8.1 | 27-44-01-02 | eClass 9.0 | 27-44-01-02 |
| eClass 9.1 | 27-44-01-03 |            |             |

## Approvals

Approvals



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

## Downloads

|                    |   |
|--------------------|---|
| Brochure/Catalogue | <a href="#">CAT 8 SAI 15/16 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">WSCAD</a>   |
| User Documentation | <a href="#">Manual</a>  |