

**SAIB-M8-3P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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 screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

**General ordering data**

|            |                                                         |
|------------|---------------------------------------------------------|
| Version    | Field attachable connector, M8, Female socket, straight |
| Order No.  | <a href="#">1803870000</a>                              |
| Type       | SAIB-M8-3P                                              |
| GTIN (EAN) | 4032248259854                                           |
| Qty.       | 1 pc(s).                                                |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 10 g |
|------------|------|

## Environmental Product Compliance

|            |                |      |                                      |
|------------|----------------|------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 | SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |
|------------|----------------|------|--------------------------------------|

## Technical data customisable plug-in connectors

|                                |                     |                                |                      |
|--------------------------------|---------------------|--------------------------------|----------------------|
| Cable diameter                 | 3.5...5 mm          | Cable diameter, max.           | 5 mm                 |
| Cable diameter, min.           | 3.5 mm              | Coding                         | none, A              |
| Conductor cross-section, max.  | 0.5 mm <sup>2</sup> | Conductor cross-section, min.  | 0.14 mm <sup>2</sup> |
| Connection cross-section, max. | 0.5 mm <sup>2</sup> | Connection cross-section, min. | 0.14 mm <sup>2</sup> |
| Contact surface                | Gold-plated         | Housing main material          | PA                   |
| Insulation strength            | 10 <sup>8</sup> Ω   | Number of poles                | 3                    |
| Plugging cycles                | ≥ 50                | Pollution severity             | 3                    |
| Protection degree              | IP67                | Rated current                  | 4 A                  |
| Rated voltage                  | 60 V                | Rated voltage                  | 60 V                 |
| Shield connection              | No                  | Temperature range of housing   | -40 ... +85 °C       |
| Threaded ring material         | Diecast zinc        | Type of connection             | Screw connection     |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC002635    |
| ETIM 8.0    | EC002635    | ECLASS 9.0  | 27-44-01-02 |
| ECLASS 9.1  | 27-44-01-03 | ECLASS 10.0 | 27-44-01-02 |
| ECLASS 11.0 | 27-44-01-02 | ECLASS 12.0 | 27-44-01-16 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E307231    |

## Downloads

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Engineering Data   | <a href="#">CAD data – STEP</a>                                        |
| Engineering Data   | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                               |
| User Documentation | <a href="#">Manual</a>                                                 |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures          | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |