

**SAI-M23-BE-9-F****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

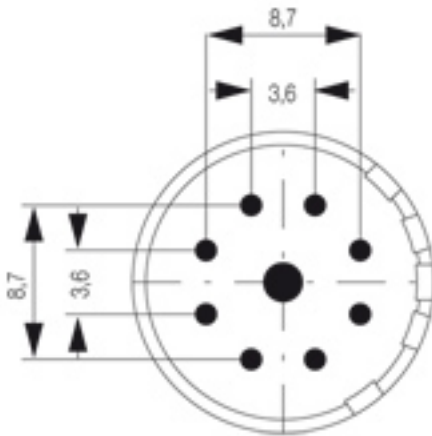
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The M23 round plug-in connectors offer a high number of mating cycles, high current-carrying capacity and high contact-density coupled with minimum dimensions. Enclosures, inserts and crimp contacts need to be ordered separately.

**General ordering data**

|            |                                   |
|------------|-----------------------------------|
| Type       | SAI-M23-BE-9-F                    |
| Order No.  | <a href="#">1224500000</a>        |
| Version    | Sensor/Actuator plug-in connector |
| GTIN (EAN) | 4050118008296                     |
| Qty.       | 1 pc(s).                          |

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## Technical data

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 9.7 g |
|------------|-------|

## Temperatures

|                             |        |                             |        |
|-----------------------------|--------|-----------------------------|--------|
| Operating temperature, max. | 125 °C | Operating temperature, min. | -40 °C |
|-----------------------------|--------|-----------------------------|--------|

## Environmental Product Compliance

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

## Standards

|                      |         |
|----------------------|---------|
| Certificate No. (UR) | E344862 |
|----------------------|---------|

## General data

|                           |                      |                       |                                   |
|---------------------------|----------------------|-----------------------|-----------------------------------|
| Coding                    | none                 | Conductor O.D.        | -                                 |
| Connection thread         | M23                  | Contact material      | Copper-Zinc alloy                 |
| Contact number / diameter | 8 x 1 mm + 1 x 2 mm  | Contact surface       | Gold-plated                       |
| Fire behaviour            | V-0                  | Housing main material | Thermoplastic polyamide PA 6, PBT |
| Insulation strength       | > 10 <sup>10</sup> Ω | No. of poles          | 9                                 |
| Plugging cycles           | > 1000               | Rated current         | 8 A / 1 mm + 20 A / 2 mm          |
| Type of connection        | Solder connection    |                       |                                   |

## Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 4.0   | EC002635    | ETIM 5.0   | EC002635    |
| ETIM 6.0   | EC000438    | eClass 6.2 | 27-26-07-02 |
| eClass 7.1 | 27-44-01-02 | eClass 8.1 | 27-44-01-02 |
| eClass 9.1 | 27-44-02-05 |            |             |

## Product information

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Product information | Enclosures, inserts and crimp contacts need to be ordered separately. |
|---------------------|-----------------------------------------------------------------------|

## Approvals

Approvals



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

## Downloads

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 8 SAI 15/16 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
|--------------------|-------------------------------------------------------------------------|