

**SAI-M23-KBC-0.25/1.00****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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**Drawing**

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-KBC-0.25/1.00                            |
| Order No.  | <a href="#">1995830000</a>                       |
| Version    | Sensor/Actuator plug-in connector, Crimp contact |
| GTIN (EAN) | 4032248925698                                    |
| Qty.       | 50 pc(s).                                        |

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## Technical data

## Dimensions and weights

|            |        |
|------------|--------|
| Net weight | 0.36 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

|                               |                   |                               |                      |
|-------------------------------|-------------------|-------------------------------|----------------------|
| Conductor O.D.                | -                 | Conductor cross-section, max. | 0.25 mm <sup>2</sup> |
| Conductor cross-section, min. | 1 mm <sup>2</sup> | Contact material              | Copper-Zinc alloy    |
| Contact surface               | Gold-plated       | Insulation strength           | > 10 <sup>10</sup> Ω |
| Plugging cycles               | > 1000            | Type of connection            | Crimp connection     |

## Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC002635    | ETIM 6.0   | EC000796    |
| eClass 6.2 | 27-06-91-90 | eClass 7.1 | 27-06-91-90 |
| eClass 8.1 | 27-06-91-90 | eClass 9.0 | 27-44-02-92 |
| eClass 9.1 | 27-44-02-90 |            |             |

## 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> |
|--------------------|-------------------------------------------------------------------------|