

**SAI-M23-KBC-0.34/1.00****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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**

|            |                                                  |
|------------|--------------------------------------------------|
| Version    | Sensor/Actuator plug-in connector, Crimp contact |
| Order No.  | <a href="#">1170180000</a>                       |
| Type       | SAI-M23-KBC-0.34/1.00                            |
| GTIN (EAN) | 4032248962075                                    |
| Qty.       | 50 pc(s).                                        |

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## Technical data

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 0.3 g |
|------------|-------|

## Technical data customisable plug-in connectors

|                               |                      |                               |                      |
|-------------------------------|----------------------|-------------------------------|----------------------|
| Conductor cross-section, max. | 1 mm <sup>2</sup>    | Conductor cross-section, min. | 0.34 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 6.0    | EC000796    | ETIM 7.0    | EC000796    |
| ETIM 8.0    | EC000796    | ETIM 9.0    | EC000796    |
| ECLASS 9.0  | 27-44-02-92 | ECLASS 9.1  | 27-44-02-90 |
| ECLASS 10.0 | 27-44-02-92 | ECLASS 11.0 | 27-44-02-92 |
| ECLASS 12.0 | 27-44-02-92 | ECLASS 13.0 | 27-44-02-92 |
| ECLASS 14.0 | 27-44-02-92 |             |             |

## Environmental Product Compliance

|                        |                                      |
|------------------------|--------------------------------------|
| REACH SVHC             | Lead 7439-92-1                       |
| SCIP                   | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |
| RoHS Compliance Status | Compliant                            |

## Approvals

Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E344862    |

## Downloads

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>                                        |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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## Drawings

### Drawing

