

**SAI-M23-BE-L-4/4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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, Insert |
| Order No.  | <a href="#">1995810000</a>                |
| Type       | SAI-M23-BE-L-4/4                          |
| GTIN (EAN) | 4032248925674                             |
| Qty.       | 1 pc(s).                                  |

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## Technical data

## Dimensions and weights

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

## Technical data customisable plug-in connectors

|                       |                                           |                    |                  |
|-----------------------|-------------------------------------------|--------------------|------------------|
| Coding                | none                                      | Gender of contact  | Female           |
| Housing main material | Thermoplastic polyamide<br>PA 6, PBT      | Number of poles    | 8                |
| Plugging cycles       | > 1000                                    | Pollution severity | 3                |
| Rated current         | 1 mm contact = 8 A, 2<br>mm contact= 28 A | Type of connection | Crimp connection |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000438    | ETIM 7.0    | EC003557    |
| ETIM 8.0    | EC003557    | ETIM 9.0    | EC003557    |
| ETIM 10.0   | EC003557    | ECLASS 9.1  | 27-44-02-05 |
| ECLASS 10.0 | 27-44-02-23 | ECLASS 11.0 | 27-44-02-23 |
| ECLASS 12.0 | 27-44-02-23 | ECLASS 13.0 | 27-44-02-23 |
| ECLASS 14.0 | 27-44-02-23 | ECLASS 15.0 | 27-44-02-23 |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

Approvals



|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID       | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| 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> |

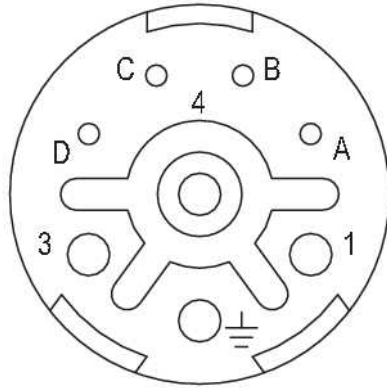
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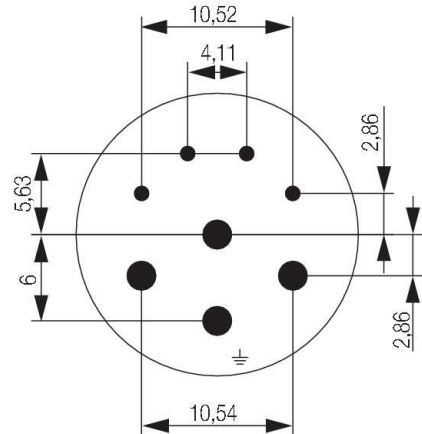
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

## Pinning



## Dimensioned drawing



## Technical data

| No. of poles       |  | 5 + PE |   | 4/4 |   |
|--------------------|--|--------|---|-----|---|
| Number of contacts |  | 6      |   | 4   | 4 |
| Contact-ø          |  | mm     | 2 | 1   | 2 |

4 times 1-mm female and 4 times 2-mm female