

**SAI-M23-BE-16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

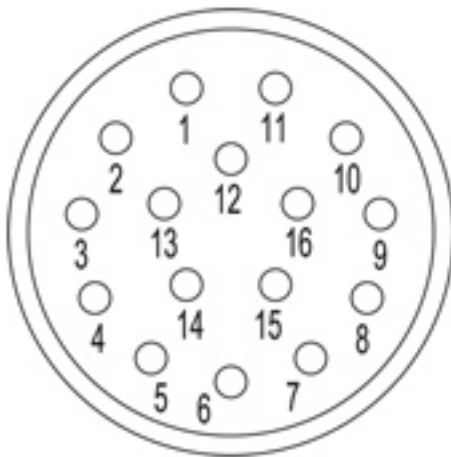
D-32758 Detmold

Germany

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www.weidmueller.com

**Pinning**

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-16                             |
| Order No.  | <a href="#">1170090000</a>                |
| Version    | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962228                             |
| Qty.       | 1 pc(s).                                  |

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## Technical data

## Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 5 g |
|------------|-----|

## Temperatures

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

## Standards

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

## General data

|                       |                                      |                           |                      |
|-----------------------|--------------------------------------|---------------------------|----------------------|
| Coding                | none                                 | Conductor O.D.            | -                    |
| Connection thread     | M23                                  | Contact number / diameter | 16 x 1 mm            |
| Design                | Female                               | Fire behaviour            | V-0                  |
| Housing main material | Thermoplastic polyamide<br>PA 6, PBT | Insulation strength       | > 10 <sup>6</sup> mΩ |
| No. of poles          | 16                                   | Plugging cycles           | > 1000               |
| Rated current         | 1 mm Kontakt = 8 A                   | Rated voltage (text)      | 1 mm Kontakt = 160 V |
| Type of connection    | Crimp connection                     |                           |                      |

## Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC002635    | ETIM 6.0   | EC000438    |
| eClass 6.2 | 27-06-91-90 | eClass 7.1 | 27-06-91-90 |
| eClass 8.1 | 27-06-91-90 | 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> |
|--------------------|-------------------------------------------------------------------------|

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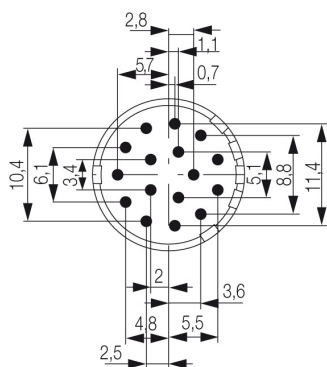
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**Drawings**
**Dimensioned drawing**


Technical data

| Number of positions |  | 6  | 7 | 9 |   | 12 | 16 | 17 | 19 |
|---------------------|--|----|---|---|---|----|----|----|----|
| Number of contacts  |  | 6  | 7 | 8 | 1 | 12 | 16 | 17 | 16 |
| Contact Ø           |  | mm | 2 | 2 | 1 | 2  | 1  | 1  | 1  |