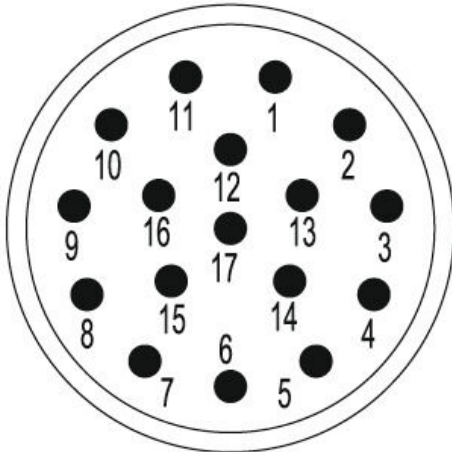


**SAI-M23-SE-17**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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**

|                 |   |
|-----------------|---|
| Version         | Sensor/Actuator plug-in connector, Insert               |
| Order No.       | <a href="#">1170100000</a>                              |
| Type            | SAI-M23-SE-17   |
| GTIN (EAN)      | 4032248962181   |
| Qty.            | 1 items   |
| Delivery status | This article will no longer be available in the future. |
| Last order date | 2026-12-31T00:00:00+01:00                               |

**Technical data**

**Approvals**

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E344862                    |

**Dimensions and weights**

|            |     |
|------------|-----|
| Net weight | 3 g |
|------------|-----|

**Environmental Product Compliance**

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

**Technical data customisable plug-in connectors**

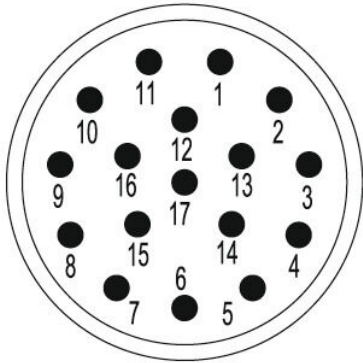
|   |  |                       |                                   |
|---|--|-----------------------|-----------------------------------|
| Number of poles                             | 17   | Coding                | none                              |
| Type of connection                          | Crimp connection                                     | Housing main material | Thermoplastic polyamide PA 6, PBT |
| Nominal voltage                             | 160 V  | Nominal current       | 8 A                               |
| Plugging cycles                             | > 1000   | Pollution severity    | 3                                 |
| Rated current                               | 1 mm contact = 8 A                                   | Gender of contact     | Male                              |
| Coding possibilities for M23 signal inserts | H-coded, N-coded, S-coded, X-coded, Y-coded, Z-coded |                       |                                   |

**Classifications**

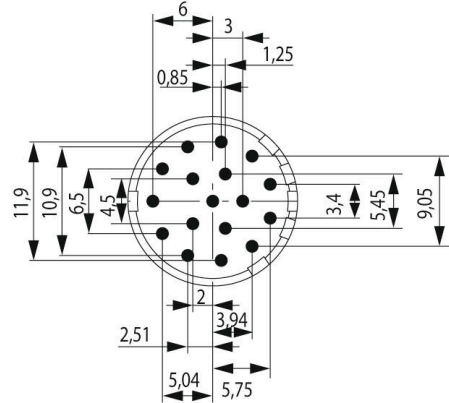
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC003557    | ETIM 9.0    | EC003557    |
| ETIM 10.0   | EC003557    | ECLASS 14.0 | 27-44-02-23 |
| ECLASS 15.0 | 27-44-02-23 |             |             |

**Drawings**

**Pinning**

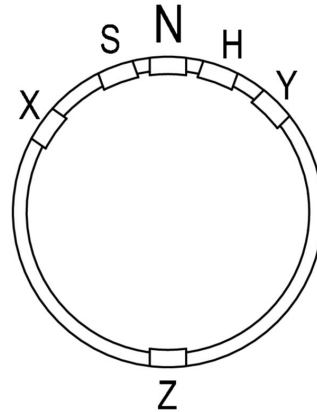


**Dimensioned drawing**



**Technical data**

|                     |    |   |   |   |    |    |    |    |     |
|---------------------|----|---|---|---|----|----|----|----|-----|
| Number of positions | 6  | 7 | 9 |   | 12 | 16 | 17 | 19 |     |
| Number of contacts  | 6  | 7 | 8 | 1 | 12 | 16 | 17 | 16 | 3   |
| Contact-ø           | mm | 2 | 2 | 1 | 2  | 1  | 1  | 1  | 1,5 |



## SAI-M23-SE-17

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## Accessories

## 1 mm



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## General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | SAI-M23-KSC-0.08/0.56      | Version  |  |
| Order No.  | <a href="#">1170140000</a> | Sensor/Actuator plug-in connector, Crimp contact |  |
| GTIN (EAN) | 4032248962235              |  |  |
| Qty.       | 50 ST                      |  |  |
| Type       | SAI-M23-KSC-0.14/1.00      | Version  |  |
| Order No.  | <a href="#">1170150000</a> | Sensor/Actuator plug-in connector, Crimp contact |  |
| GTIN (EAN) | 4032248961108              |  |  |
| Qty.       | 50 ST                      |  |  |
| Type       | SAI-M23-KSC-1.00-1.5       | Version  |  |
| Order No.  | <a href="#">1170170000</a> | Sensor/Actuator plug-in connector, Crimp contact |  |
| GTIN (EAN) | 4032248962310              |  |  |
| Qty.       | 50 ST                      |  |  |

## ...for M23



Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

## General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | SAI M23 CRIMPING TOOL 2    | Version   |  |
| Order No.  | <a href="#">1203960000</a> | Pressing tool for signal contacts, 4-indent crimp |  |
| GTIN (EAN) | 4050118000764              |   |  |
| Qty.       | 1 ST                       |   |  |

## SAI-M23-SE-17

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## Accessories

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## Standard enclosure



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-GS-11/17           | Version  |
| Order No.  | <a href="#">1299390000</a> | Sensor/Actuator plug-in connector, Empty enclosure                 |
| GTIN (EAN) | 4050118097191              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAI-M23-GS-7/12            | Version  |
| Order No.  | <a href="#">1995840000</a> | Sensor/Actuator plug-in connector, Empty enclosure                 |
| GTIN (EAN) | 4032248926121              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAI-M23-GSW-S-7/12         | Version  |
| Order No.  | <a href="#">1169920000</a> | Sensor/Actuator plug-in connector, Empty enclosure                 |
| GTIN (EAN) | 4032248961986              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAI-M23-KS-7/12            | Version  |
| Order No.  | <a href="#">1169900000</a> | Sensor/Actuator plug-in connector, Empty enclosure                 |
| GTIN (EAN) | 4032248961948              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAI-M23-KSW-7/12           | Version  |
| Order No.  | <a href="#">1169930000</a> | Sensor/Actuator plug-in connector, Empty enclosure                 |
| GTIN (EAN) | 4032248961993              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAIE-M23-S-EM              | Version  |
| Order No.  | <a href="#">1169970000</a> | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961979              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAIE-M23S-S-EM-M20         | Version  |
| Order No.  | <a href="#">1373440000</a> | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4050118175028              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAIE-M23-S-HW              | Version  |
| Order No.  | <a href="#">1169990000</a> | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248962051              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAIE-M23-S-RM              | Version  |
| Order No.  | <a href="#">1169950000</a> | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961092              |  |
| Qty.       | 1 ST                       |  |
| Type       | SAIE-M23-S-VW              | Version  |
| Order No.  | <a href="#">1169940000</a> | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248962013              |  |
| Qty.       | 1 ST                       |  |

## Accessories

|            |                            |         |  |
|------------|----------------------------|---------|--|
| Type       | SAIE-M23-S-W               | Version |  |
| Order No.  | <a href="#">1169980000</a> |         | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961962              |         |  |
| Qty.       | 1 ST                       |         |  |