

SAI-M23-BE-17**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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. | 1170110000 |
| Type | SAI-M23-BE-17 |
| GTIN (EAN) | 4032248962198 |
| Qty. | 1 pc(s). |

SAI-M23-BE-17

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Technical data customisable plug-in connectors

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000438 | ETIM 7.0 | EC003557 |
| ETIM 8.0 | EC003557 | ETIM 9.0 | 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 | | |

Approvals

Approvals



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

Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

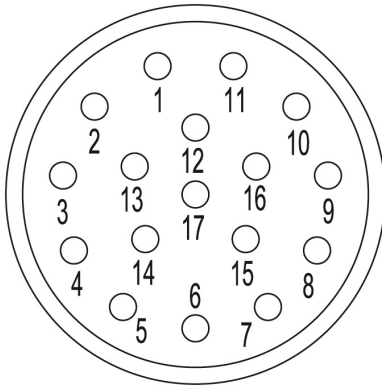
SAI-M23-BE-17

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

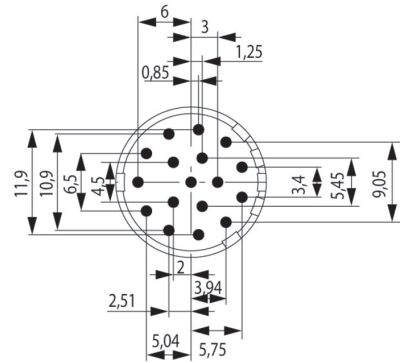
www.weidmueller.com

Drawings

Pinning

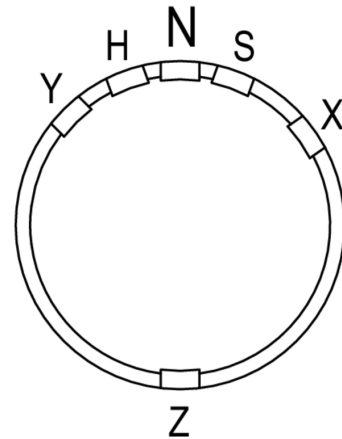


Dimensioned drawing



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-BE-17

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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 | SAIE-M23-S-EM | Version |
| Order No. | 1169970000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961979 | |
| Qty. | 1 pc(s). | |
| Type | SAIE-M23-S-HW | Version |
| Order No. | 1169990000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248962051 | |
| Qty. | 1 pc(s). | |
| Type | SAIE-M23S-S-EM-M20 | Version |
| Order No. | 1373440000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4050118175028 | |
| Qty. | 1 pc(s). | |
| Type | SAIE-M23-S-RM | Version |
| Order No. | 1169950000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961092 | |
| Qty. | 1 pc(s). | |
| Type | SAIE-M23-S-W | Version |
| Order No. | 1169980000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248961962 | |
| Qty. | 1 pc(s). | |
| Type | SAIE-M23-S-VW | Version |
| Order No. | 1169940000 | Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure |
| GTIN (EAN) | 4032248962013 | |
| Qty. | 1 pc(s). | |

SAI-M23-BE-17

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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-7/12 | Version |
| Order No. | 1995840000 | Sensor/Actuator plug-in connector, Empty enclosure |
| GTIN (EAN) | 4032248926121 | |
| Qty. | 1 pc(s). | |
| Type | SAI-M23-KSW-7/12 | Version |
| Order No. | 1169930000 | Sensor/Actuator plug-in connector, Empty enclosure |
| GTIN (EAN) | 4032248961993 | |
| Qty. | 1 pc(s). | |
| Type | SAI-M23-GSW-S-7/12 | Version |
| Order No. | 1169920000 | Sensor/Actuator plug-in connector, Empty enclosure |
| GTIN (EAN) | 4032248961986 | |
| Qty. | 1 pc(s). | |
| Type | SAI-M23-GS-11/17 | Version |
| Order No. | 1299390000 | Sensor/Actuator plug-in connector, Empty enclosure |
| GTIN (EAN) | 4050118097191 | |
| Qty. | 1 pc(s). | |
| Type | SAI-M23-KS-7/12 | Version |
| Order No. | 1169900000 | Sensor/Actuator plug-in connector, Empty enclosure |
| GTIN (EAN) | 4032248961948 | |
| Qty. | 1 pc(s). | |

1 mm



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-0.34/1.00 | Version |
| Order No. | 1170180000 | Sensor/Actuator plug-in connector, Crimp contact |
| GTIN (EAN) | 4032248962075 | |
| Qty. | 50 pc(s). | |

SAI-M23-BE-17**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories**

| | | |
|------------|----------------------------|--|
| Type | SAI-M23-KBC-1.00-1.5 | Version |
| Order No. | 1170210000 | Sensor/Actuator plug-in connector, Crimp contact |
| GTIN (EAN) | 4032248962174 | |
| Qty. | 50 pc(s). | |

| | | |
|------------|----------------------------|--|
| Type | SAI-M23-KBC-0.08/0.56 | Version |
| Order No. | 1995860000 | Sensor/Actuator plug-in connector, Crimp contact |
| GTIN (EAN) | 4032248926152 | |
| Qty. | 50 pc(s). | |

...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. | 1203960000 | Pressing tool for signal contacts |
| GTIN (EAN) | 4050118000764 | |
| Qty. | 1 pc(s). | |