

SAI-M23-KBC-LS-0.25-1.0

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

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. | 1995830000 |
| Type | SAI-M23-KBC-LS-0.25-1.0 |
| GTIN (EAN) | 4032248925698 |
| Qty. | 50 items |

SAI-M23-KBC-LS-0.25-1.0

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

www.weidmueller.com

Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Length | 21.7 mm | Length (inches) | 0.8543 inch |
| Net weight | 0.36 g | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 7baf363e-d867-435e-844e-c01f32ebf146 |

Settings re. SAI M23 crimping tool

| | | | | |
|--|---|-----------------------------|----------------------|--|
| Settings regarding SAI M23 crimping tool | Crimping Tool | 1 | | |
| | Locator position | 2 | | |
| | Crimp contact | Crimp socket power 1 mm | | |
| | Crimping mandrel adjustment acc. to mm ² | Wire cross-section | 0.25 mm ² | |
| | | Crimping mandrel adjustment | 0.8 | |
| | Wire cross-section | 0.35 mm ² | | |
| | | Crimping mandrel adjustment | 0.85 | |
| | Wire cross-section | 0.50 mm ² | | |
| | | Crimping mandrel adjustment | 0.89 | |
| | Wire cross-section | 0.75 mm ² | | |
| Crimping mandrel adjustment | | 0.95 | | |
| Wire cross-section | 1.00 mm ² | | | |
| | Crimping mandrel adjustment | 1.02 | | |

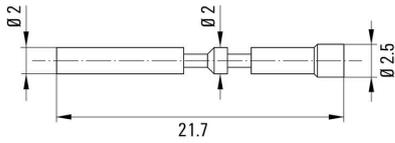
Technical data customisable plug-in connectors

| | | | |
|-------------------------------|-------------------|-------------------------------|----------------------|
| Contact surface | Gold-plated | Type of connection | Crimp connection |
| Insulation resistance | > 1010 Ω | Contact material | Copper-Zinc alloy |
| Conductor cross-section, max. | 1 mm ² | Conductor cross-section, min. | 0.25 mm ² |
| Plugging cycles | > 1000 | Gender of contact | Female |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000796 | ETIM 9.0 | EC000796 |
| ETIM 10.0 | EC000796 | ECLASS 14.0 | 27-44-02-92 |
| ECLASS 15.0 | 27-44-02-92 | | |

Drawing



SAI-M23-KBC-LS-0.25-1.0

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

www.weidmueller.com

Accessories

...for M23



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

General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | SAI M23 CRIMPING TOOL 1 | Version | |
| Order No. | 1203840000 | | Pressing tool for signal and power contacts, 4-indent crimp |
| GTIN (EAN) | 4032248986934 | | |
| Qty. | 1 ST | | |
| Type | SAI M23 CRIMPING TOOL 2 | Version | |
| Order No. | 1203960000 | | Pressing tool for signal contacts, 4-indent crimp |
| GTIN (EAN) | 4050118000764 | | |
| Qty. | 1 ST | | |