

**SAI-M23-KBC-LS-0.25-1.0**

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

[www.weidmueller.com](http://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.	<a href="#">1995830000</a>
Type	SAI-M23-KBC-LS-0.25-1.0
GTIN (EAN)	4032248925698
Qty.	50 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
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 <sup>2</sup>	Wire cross-section	0.25 mm <sup>2</sup>	
		Crimping mandrel adjustment	0.8	
		Wire cross-section	0.35 mm <sup>2</sup>	
		Crimping mandrel adjustment	0.85	
		Wire cross-section	0.50 mm <sup>2</sup>	
		Crimping mandrel adjustment	0.89	
		Wire cross-section	0.75 mm <sup>2</sup>	
Crimping mandrel adjustment		0.95		
	Wire cross-section	1.00 mm <sup>2</sup>		
	Crimping mandrel adjustment	1.02		

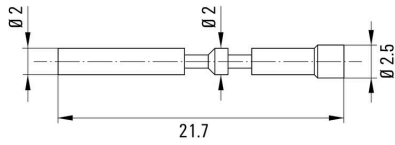
### Technical data customisable plug-in connectors

Contact surface	Gold-plated	Type of connection	Crimp connection
Insulation resistance	> 1010 Ω	Contact material	Copper-Zinc alloy
Conductor cross-section, max.	1 mm <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
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**



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# 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.	<a href="#">1203840000</a>		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.	<a href="#">1203960000</a>		Pressing tool for signal contacts, 4-indent crimp
GTIN (EAN)	4050118000764		
Qty.	1 ST		