

**SAI-M23-KBC-2-0.75-2.5**

**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, Crimp contact
Order No.	<a href="#">1170260000</a>
Type	SAI-M23-KBC-2-0.75-2.5
GTIN (EAN)	4032248962099
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	16.5 mm	Length (inches)	0.6496 inch
Net weight	0.6 g		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

**Settings re. SAI M23 crimping tool**

Settings regarding SAI M23 crimping tool	Crimping Tool	2		
	Locator position	5		
	Crimp contact	Crimp socket signal 2 mm		
	Crimping mandrel adjustment acc. to mm <sup>2</sup>	Wire cross-section	0.75 mm <sup>2</sup>	
		Crimping mandrel adjustment	1.25	
	Wire cross-section	1.00 mm <sup>2</sup>		
		Crimping mandrel adjustment	1.35	
	Wire cross-section	1.50 mm <sup>2</sup>		
		Crimping mandrel adjustment	1.45	
Wire cross-section	2.50 mm <sup>2</sup>			
	Crimping mandrel adjustment	1.6		

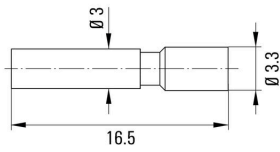
**Technical data customisable plug-in connectors**

Contact surface	Gold-plated	Type of connection	Crimp connection
Insulation resistance	> 1010 Ω	Contact material	Copper-Zinc alloy
Conductor cross-section, max.	2.5 mm <sup>2</sup>	Conductor cross-section, min.	0.75 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**



## SAI-M23-KBC-2-0.75-2.5

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## Accessories

[www.weidmueller.com](http://www.weidmueller.com)

### ...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		