

**SAI-M23-KSC-1.5-0.14-1**

**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="#">1170220000</a>
Type	SAI-M23-KSC-1.5-0.14-1
GTIN (EAN)	4032248962204
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	0.3 g		

### Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Settings re. SAI M23 crimping tool

Settings regarding SAI M23 crimping tool	Crimping Tool	2		
	Locator position	3		
	Crimp contact	Crimp pin signal 1.5 mm		
	Crimping mandrel adjustment acc. to mm <sup>2</sup>	Wire cross-section	0.14 mm <sup>2</sup>	
		Crimping mandrel adjustment	0.65	
	Wire cross-section	0.25 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.68	
	Wire cross-section	0.34 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.72	
	Wire cross-section	0.56 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.81	
	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	1.07		

### 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.	0.14 mm <sup>2</sup>
Plugging cycles	> 1000	Gender of contact	Male

### 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		

**Drawings**

**Drawing**

