

SAI-M23-KSC-0.14/1.00

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.	1170150000
Type	SAI-M23-KSC-0.14/1.00
GTIN (EAN)	4032248961108
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Length	16.5 mm	Length (inches)	0.6496 inch
Net weight	0.2 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
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	1		
	Crimp contact	Crimp pin signal 1 mm		
	Crimping mandrel adjustment acc. to mm ²	Wire cross-section	0.14 mm ²	
		Crimping mandrel adjustment	0.7	
	Wire cross-section	0.25 mm ²		
		Crimping mandrel adjustment	0.76	
	Wire cross-section	0.34 mm ²		
		Crimping mandrel adjustment	0.82	
	Wire cross-section	0.50 mm ²		
		Crimping mandrel adjustment	0.9	
	Wire cross-section	0.75 mm ²		
		Crimping mandrel adjustment	1	
Wire cross-section	1.00 mm ²			
	Crimping mandrel adjustment	1.1		

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.	0.14 mm ²
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

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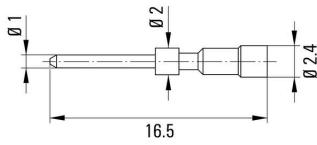
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Technical data

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 2	Version	
Order No.	1203960000		Pressing tool for signal contacts, 4-indent crimp
GTIN (EAN)	4050118000764		
Qty.	1 ST		