

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

Technical data

Approvals

Approvals



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

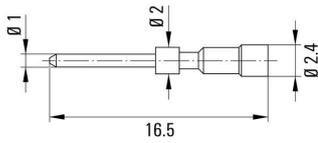
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-92

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		