Data sheet

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.	1170220000
Type	SAI-M23-KSC-1.5-0.14-1
GTIN (EAN)	4032248962204
Qty.	50 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-12-31T00:00:00+01:00

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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	0.3 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 mm²	Wire cross-section	0.14 mm²
		Crimping mandrel adjustment	0.65
		Wire cross-section	0.25 mm²
		Crimping mandrel adjustment	0.68
		Wire cross-section	0.34 mm²
		Crimping mandrel adjustment	0.72
		Wire cross-section	0.56 mm²
		Crimping mandrel adjustment	0.81
		Wire cross-section	0.75 mm²
		Crimping mandrel adjustment	0.95
		Wire cross-section	1.00 mm²
		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 mm²	Conductor cross-section, min.	0.14 mm²
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		

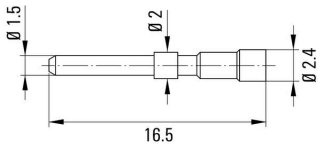
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Drawings

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	