

**SAI-M23-KSC-0.08/0.56****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">1170140000</a>
Type	SAI-M23-KSC-0.08/0.56
GTIN (EAN)	4032248962235
Qty.	50 pc(s).

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## Technical data

## Dimensions and weights

Net weight	0.26 g
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## Settings re. SAI M23 crimping tool

Settings regarding SAI M23 crimping tool	Crimping Tool	1	
	Crimp contact	Crimp male 1 mm	
	Crimping mandrel adjustment acc. to mm²	Wire cross-section	0.08 mm²
		Crimping mandrel adjustment	0.78
		Wire cross-section	0.14 mm²
		Crimping mandrel adjustment	0.81
	Locator position	11	
	Crimping Tool	2	
	Crimp contact	Crimp male 1 mm	
	Crimping mandrel adjustment acc. to mm²	Wire cross-section	0.08 mm²
Crimping mandrel adjustment		0.72	
Locator position	1		

## Technical data customisable plug-in connectors

Conductor cross-section, max.	0.56 mm <sup>2</sup>	Conductor cross-section, min.	0.08 mm <sup>2</sup>
Contact material	Copper-Zinc alloy	Contact surface	Gold-plated
Insulation strength	> 10 <sup>10</sup> Ω	Plugging cycles	> 1000
Type of connection	Crimp connection		

## Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ECLASS 9.0	27-44-02-92	ECLASS 9.1	27-44-02-90
ECLASS 10.0	27-44-02-92	ECLASS 11.0	27-44-02-92
ECLASS 12.0	27-44-02-92	ECLASS 13.0	27-44-02-92

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

## Approvals

Approvals



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

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## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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## Drawings

### Drawing



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****...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
GTIN (EAN)	4032248986934	
Qty.	1 pc(s).	
Type	SAI M23 CRIMPING TOOL 2	Version
Order No.	<a href="#">1203960000</a>	Pressing tool for signal contacts
GTIN (EAN)	4050118000764	
Qty.	1 pc(s).	