

**SAI-M23-KSC-0.14/1.00**

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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="#">1170150000</a>
Type	SAI-M23-KSC-0.14/1.00
GTIN (EAN)	4032248961108
Qty.	50 items

**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	0.2 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 <sup>2</sup>	Wire cross-section	0.14 mm <sup>2</sup>	
		Crimping mandrel adjustment	0.7	
	Wire cross-section	0.25 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.76	
	Wire cross-section	0.34 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.82	
	Wire cross-section	0.50 mm <sup>2</sup>		
		Crimping mandrel adjustment	0.9	
	Wire cross-section	0.75 mm <sup>2</sup>		
		Crimping mandrel adjustment	1	
Wire cross-section	1.00 mm <sup>2</sup>			
	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 <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

**Technical data**

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ECLASS 15.0

27-44-02-92

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**Drawing**

