

**SAI-M23-SE-19**

**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, Insert
Order No.	<a href="#">1170120000</a>
Type	SAI-M23-SE-19
GTIN (EAN)	4032248962068
Qty.	1 items

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E344862

**Dimensions and weights**

Net weight	3 g
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

**Technical data customisable plug-in connectors**

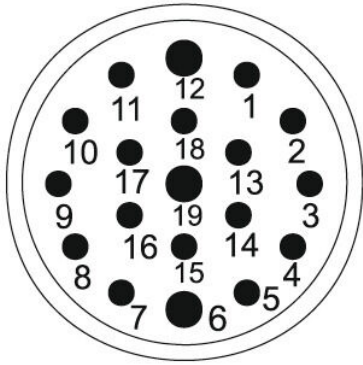
Number of poles	19	Coding	none
Type of connection	Crimp connection	Housing main material	Thermoplastic polyamide PA 6, PBT
Nominal voltage	100 V	Plugging cycles	> 1000
Pollution severity	3	Rated current	1 mm contact = 8 A, 1.5 mm contact= 10 A
Gender of contact	Male	Coding possibilities for M23 signal inserts	H-coded, N-coded, S-coded, X-coded, Y-coded

**Classifications**

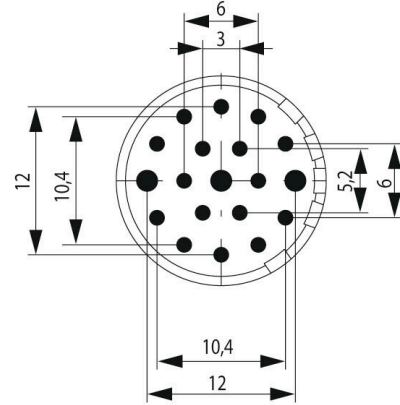
ETIM 8.0	EC003557	ETIM 9.0	EC003557
ETIM 10.0	EC003557	ECLASS 14.0	27-44-02-23
ECLASS 15.0	27-44-02-23		

**Drawings**

**Pinning**

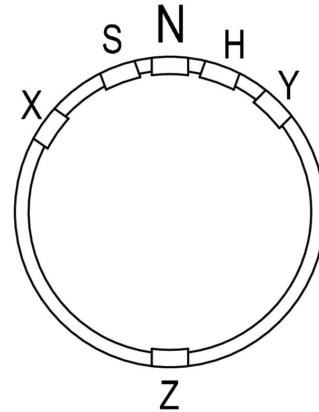


**Dimensioned drawing**



**Technical data**

Number of positions	6	7	9		12	16	17	19		
Number of contacts	6	7	8	1	12	16	17	16	3	
Contact-ø	mm		2	2	1	2	1	1	1	1.5



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## Accessories

## 1 mm

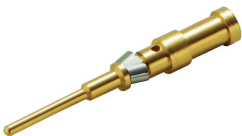


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## General ordering data

Type	SAI-M23-KSC-0.08/0.56	Version
Order No.	<a href="#">1170140000</a>	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962235	
Qty.	50 ST	
Type	SAI-M23-KSC-0.14/1.00	Version
Order No.	<a href="#">1170150000</a>	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248961108	
Qty.	50 ST	
Type	SAI-M23-KSC-1.00-1.5	Version
Order No.	<a href="#">1170170000</a>	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962310	
Qty.	50 ST	

## 1.5 mm



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## General ordering data

Type	SAI-M23-KSC-1.5-0.14-1	Version
Order No.	<a href="#">1170220000</a>	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962204	
Qty.	50 ST	

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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.	<a href="#">1203960000</a>	Pressing tool for signal contacts, 4-indent crimp	
GTIN (EAN)	4050118000764		
Qty.	1 ST		

### Standard enclosure



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### General ordering data

Type	SAI-M23-GS-11/17	Version	
Order No.	<a href="#">1299390000</a>	Sensor/Actuator plug-in connector, Empty enclosure	
GTIN (EAN)	4050118097191		
Qty.	1 ST		
Type	SAI-M23-GS-7/12	Version	
Order No.	<a href="#">1995840000</a>	Sensor/Actuator plug-in connector, Empty enclosure	
GTIN (EAN)	4032248926121		
Qty.	1 ST		
Type	SAI-M23-GSW-S-7/12	Version	
Order No.	<a href="#">1169920000</a>	Sensor/Actuator plug-in connector, Empty enclosure	
GTIN (EAN)	4032248961986		
Qty.	1 ST		
Type	SAI-M23-KS-7/12	Version	
Order No.	<a href="#">1169900000</a>	Sensor/Actuator plug-in connector, Empty enclosure	
GTIN (EAN)	4032248961948		
Qty.	1 ST		
Type	SAIL-M23-KSW-7/12	Version	
Order No.	<a href="#">1169930000</a>	Sensor/Actuator plug-in connector, Empty enclosure	
GTIN (EAN)	4032248961993		
Qty.	1 ST		

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## Accessories

Type	SAIE-M23-S-EM	Version
Order No.	<a href="#">1169970000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248961979	
Qty.	1 ST	
Type	SAIE-M23S-S-EM-M20	Version
Order No.	<a href="#">1373440000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4050118175028	
Qty.	1 ST	
Type	SAIE-M23-S-HW	Version
Order No.	<a href="#">1169990000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962051	
Qty.	1 ST	
Type	SAIE-M23-S-RM	Version
Order No.	<a href="#">1169950000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248961092	
Qty.	1 ST	
Type	SAIE-M23-S-VW	Version
Order No.	<a href="#">1169940000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962013	
Qty.	1 ST	
Type	SAIE-M23-S-W	Version
Order No.	<a href="#">1169980000</a>	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248961962	
Qty.	1 ST	