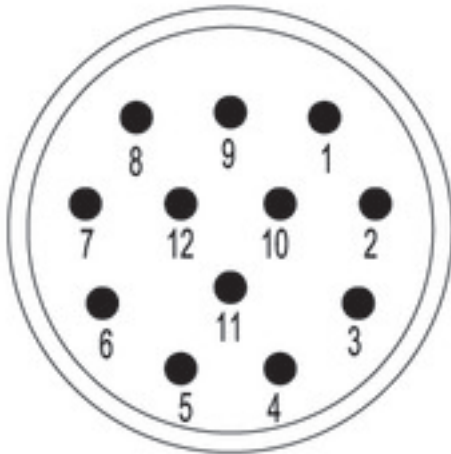


**SAI-M23-SE-12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Pinning**

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="#">1170070000</a>
Type	SAI-M23-SE-12
GTIN (EAN)	4032248962044
Qty.	1 pc(s).

## SAI-M23-SE-12

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## Technical data

## Dimensions and weights

Net weight	3 g
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## Technical data customisable plug-in connectors

Coding	none	Coding possibilities for M23 signal inserts	H-coded, N-coded, S-coded, X-coded, Y-coded, Z-coded
Housing main material	Thermoplastic polyamide PA 6, PBT	Number of poles	12
Plugging cycles	> 1000	Pollution severity	3
Rated current	8 A	Rated current	1 mm contact = 8 A
Rated voltage	200 V	Type of connection	Crimp connection

## Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC003557
ETIM 8.0	EC003557	ETIM 9.0	EC003557
ECLASS 9.1	27-44-02-05	ECLASS 10.0	27-44-02-23
ECLASS 11.0	27-44-02-23	ECLASS 12.0	27-44-02-23
ECLASS 13.0	27-44-02-23		

## Approvals

Approvals



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

## 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>

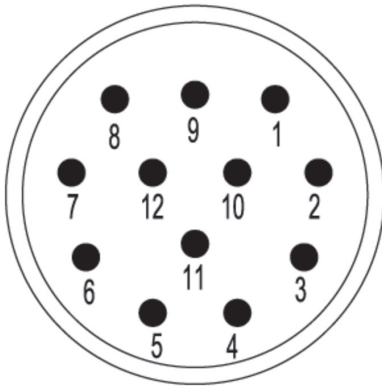
## SAI-M23-SE-12

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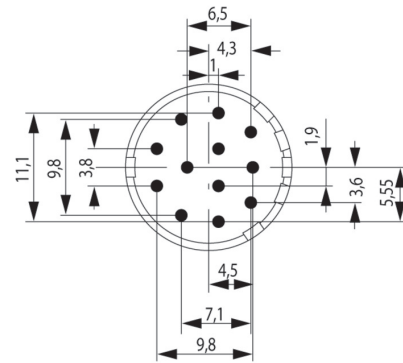
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

## Pinning

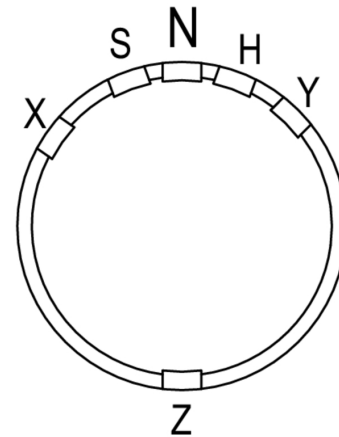


## Dimensioned drawing



## 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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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Standard enclosure**

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**General ordering data**

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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	

## SAI-M23-SE-12

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## Accessories

## Standard enclosure



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## General ordering data

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 pc(s).	
Type	SAI-M23-KSW-7/12	Version
Order No.	<a href="#">1169930000</a>	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248961993	
Qty.	1 pc(s).	
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 pc(s).	
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 pc(s).	
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 pc(s).	

## 1 mm



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## General ordering data

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 pc(s).	

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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 pc(s).	

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 pc(s).	

**...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
GTIN (EAN)	4050118000764	
Qty.	1 pc(s).	