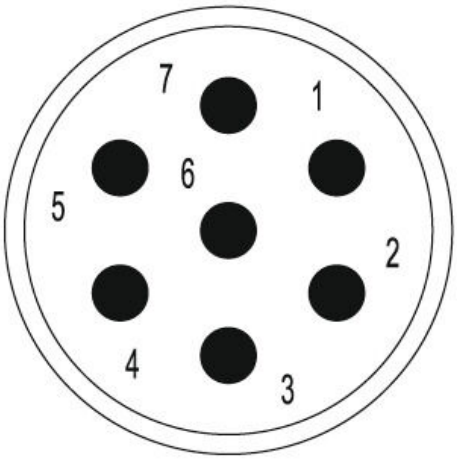
Data sheet

SAI-M23-SE-7

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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.	1170030000
Type	SAI-M23-SE-7
GTIN (EAN)	4032248962143
Qty.	1 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

Net weight	2 g

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	7	Coding	none
Type of connection	Crimp connection	Housing main material	Thermoplastic polyamide PA 6, PBT
Nominal voltage	300 V	Nominal current	20 A
Plugging cycles	> 1000	Pollution severity	3
Rated current	2 mm contact= 20 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		

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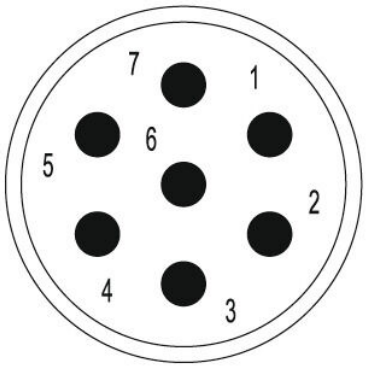
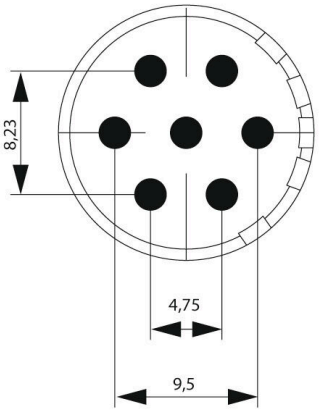
Drawings

Pinning

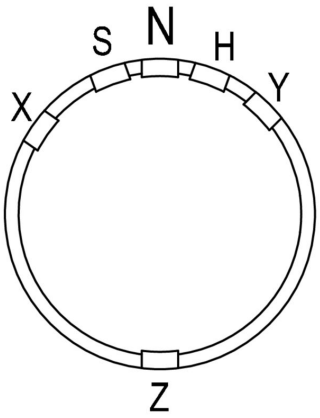


Dimensioned drawing



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	1.5



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Accessories

2 mm



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General ordering data

Type	SAI-M23-KSC-2-0.75-2.5	Version
Order No.	1170250000	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962211	
Qty.	50 ST	

...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	

Standard enclosure



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

Type	SAI-M23-GS-11/17	Version
Order No.	1299390000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4050118097191	
Qty.	1 ST	

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Accessories

Type	SAI-M23-GS-7/12	Version
Order No.	1995840000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248926121	
Qty.	1 ST	
Type	SAI-M23-GSW-S-7/12	Version
Order No.	1169920000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248961986	
Qty.	1 ST	
Type	SAI-M23-KS-7/12	Version
Order No.	1169900000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248961948	
Qty.	1 ST	
Type	SAIL-M23-KSW-7/12	Version
Order No.	1169930000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248961993	
Qty.	1 ST	
Type	SAIE-M23-S-EM	Version
Order No.	1169970000	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.	1373440000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4050118175028	
Qty.	1 ST	
Type	SAIE-M23-S-HW	Version
Order No.	1169990000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962051	
Qty.	1 ST	
Type	SAIE-M23-S-RM	Version
Order No.	1169950000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248961092	
Qty.	1 ST	
Type	SAIE-M23-S-VW	Version
Order No.	1169940000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962013	
Qty.	1 ST	
Type	SAIE-M23-S-W	Version
Order No.	1169980000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248961962	
Qty.	1 ST	