

**SAI-M23-GS-7/12****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, Empty enclosure
Order No.	<a href="#">1995840000</a>
Type	SAI-M23-GS-7/12
GTIN (EAN)	4032248926121
Qty.	1 pc(s).

## SAI-M23-GS-7/12

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Net weight	71 g
------------	------

## Technical data customisable plug-in connectors

Cable diameter, max.	12 mm	Cable diameter, min.	7 mm
Housing main material	Copper-zinc alloy	Plugging cycles	> 1000
Pollution severity	3	Protection degree	IP67, IP69K
Shield connection	Yes	Temperature range of housing	-40...+125 °C

## Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC003556
ETIM 8.0	EC003556	ETIM 9.0	EC003556
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-24
ECLASS 11.0	27-44-02-24	ECLASS 12.0	27-44-02-24
ECLASS 13.0	27-44-02-24		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

## Approvals

Approvals



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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

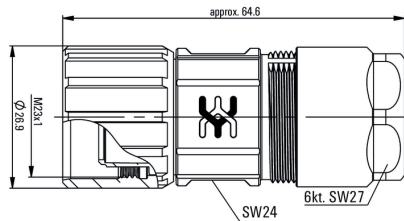
## SAI-M23-GS-7/12

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

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

# Drawings

## Dimensioned drawing



## SAI-M23-GS-7/12

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Inserts without contacts



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-BE-9	Version
Order No.	<a href="#">1170060000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962112	
Qty.	1 pc(s).	
Type	SAI-M23-SE-19	Version
Order No.	<a href="#">1170120000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962068	
Qty.	1 pc(s).	
Type	SAI-M23-SE-6	Version
Order No.	<a href="#">1170000000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962037	
Qty.	1 pc(s).	
Type	SAI-M23-SE-17	Version
Order No.	<a href="#">1170100000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962181	
Qty.	1 pc(s).	
Type	SAI-M23-BE-16	Version
Order No.	<a href="#">1170090000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962228	
Qty.	1 pc(s).	
Type	SAI-M23-BE-12	Version
Order No.	<a href="#">1995850000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248926145	
Qty.	1 pc(s).	
Type	SAI-M23-BE-7	Version
Order No.	<a href="#">1170040000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962006	
Qty.	1 pc(s).	
Type	SAI-M23-SE-7	Version
Order No.	<a href="#">1170030000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962143	
Qty.	1 pc(s).	
Type	SAI-M23-BE-17	Version
Order No.	<a href="#">1170110000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962198	
Qty.	1 pc(s).	
Type	SAI-M23-BE-19	Version
Order No.	<a href="#">1170130000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962082	
Qty.	1 pc(s).	

Creation date May 23, 2024 10:31:56 AM CEST

Catalogue status 18.05.2024 / We reserve the right to make technical changes.

**SAI-M23-GS-7/12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Type	SAI-M23-BE-6	Version
Order No.	<a href="#">1170020000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962020	
Qty.	1 pc(s).	
Type	SAI-M23-BE-12-G	Version
Order No.	<a href="#">1296730000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4050118094848	
Qty.	1 pc(s).	
Type	SAI-M23-SE-12	Version
Order No.	<a href="#">1170070000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962044	
Qty.	1 pc(s).	
Type	SAI-M23-SE-16	Version
Order No.	<a href="#">1170080000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962136	
Qty.	1 pc(s).	
Type	SAI-M23-SE-9	Version
Order No.	<a href="#">1170050000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962167	
Qty.	1 pc(s).	

# Cable connector

