

**SAI-M23-GSW-L-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="#">1170280000</a>
Type	SAI-M23-GSW-L-7/12
GTIN (EAN)	4032248962327
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	142 g
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## 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 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	f34fc414-7303-481d-8a96-44b52af18999

## 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>

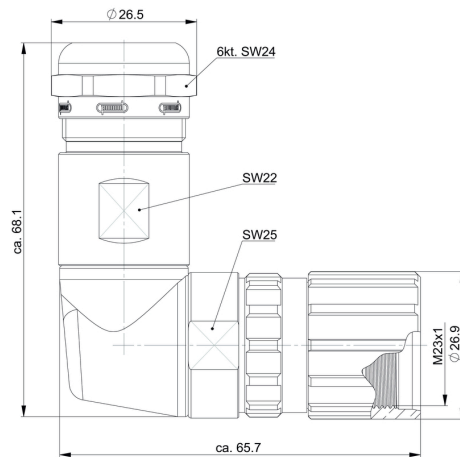
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# Drawings

## Dimensioned drawing



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Inserts without contacts**

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**General ordering data**

Type	SAI-M23-SE-L-6	Version
Order No.	<a href="#">1170350000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962303	
Qty.	1 pc(s).	
Type	SAI-M23-SE-L-4/4	Version
Order No.	<a href="#">1170380000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962518	
Qty.	1 pc(s).	
Type	SAI-M23-BE-L-4/4	Version
Order No.	<a href="#">1995810000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248925674	
Qty.	1 pc(s).	
Type	SAI-M23-BE-L-6	Version
Order No.	<a href="#">1170370000</a>	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962266	
Qty.	1 pc(s).	

# Cable connector

