

SAI-M23-GS-3/7**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, Empty enclosure
Order No.	2009390000
Type	SAI-M23-GS-3/7
GTIN (EAN)	4050118395426
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	50 g
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Technical data customisable plug-in connectors

Cable diameter, max.	7 mm	Cable diameter, min.	3 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
ETIM 10.0	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
ECLASS 14.0	27-44-02-24	ECLASS 15.0	27-44-02-24

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E344862

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Downloads

Technical Documentation	Customer Drawing
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

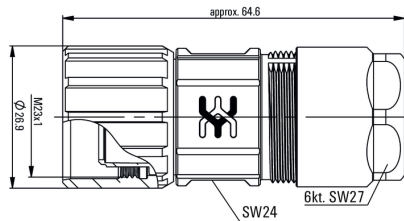
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Drawings

Dimensioned drawing



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Accessories

Inserts without contacts



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General ordering data

Type	SAI-M23-BE-17	Version
Order No.	1170110000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962198	
Qty.	1 pc(s).	
Type	SAI-M23-BE-16	Version
Order No.	1170090000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962228	
Qty.	1 pc(s).	
Type	SAI-M23-BE-9	Version
Order No.	1170060000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962112	
Qty.	1 pc(s).	
Type	SAI-M23-SE-12	Version
Order No.	1170070000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962044	
Qty.	1 pc(s).	
Type	SAI-M23-SE-6	Version
Order No.	1170000000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962037	
Qty.	1 pc(s).	
Type	SAI-M23-BE-12	Version
Order No.	1995850000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248926145	
Qty.	1 pc(s).	
Type	SAI-M23-BE-6	Version
Order No.	1170020000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962020	
Qty.	1 pc(s).	
Type	SAI-M23-SE-17	Version
Order No.	1170100000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962181	
Qty.	1 pc(s).	
Type	SAI-M23-BE-19	Version
Order No.	1170130000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962082	
Qty.	1 pc(s).	
Type	SAI-M23-SE-9	Version
Order No.	1170050000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962167	
Qty.	1 pc(s).	

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Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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Type	SAI-M23-SE-16	Version
Order No.	1170080000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962136	
Qty.	1 pc(s).	
Type	SAI-M23-BE-12-G	Version
Order No.	1296730000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4050118094848	
Qty.	1 pc(s).	
Type	SAI-M23-SE-19	Version
Order No.	1170120000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962068	
Qty.	1 pc(s).	
Type	SAI-M23-SE-7	Version
Order No.	1170030000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962143	
Qty.	1 pc(s).	
Type	SAI-M23-BE-7	Version
Order No.	1170040000	Sensor/Actuator plug-in connector, Insert
GTIN (EAN)	4032248962006	
Qty.	1 pc(s).	

Cable connector

