

SAISGS-M-8A-8/10-M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Version	Field attachable connector, M12
Order No.	1118910000
Type	SAISGS-M-8A-8/10-M12
GTIN (EAN)	4032248900084
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	54 g
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Technical data customisable plug-in connectors

Cable diameter, max.	10 mm	Cable diameter, min.	8 mm
Coding	A-coded	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.14 mm ²	Contact surface	Gold-plated
Gender of contact	Male	Housing main material	CuZn
Insulation strength	10 ⁸ Ω	Number of poles	8
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	2 A
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

General Info

Number of poles	8	Connection 1	M12
Connection 2	Screw	Housing main material	CuZn
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 100

Standards

Connector standard	IEC 61076-2-101
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16
ECLASS 13.0	27-44-01-02	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

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Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E307231
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Downloads

Engineering Data	CAD data – STEP
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Product Change Notification	Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder Technical change to field attachable M8 and M12 connectors
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User Documentation	Manual
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Catalogues	Catalogues in PDF-format
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Brochures	FL FIELDWIRING EN FL FIELDWIRING EN
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Drawings

Pole scheme

