

SAI-04D-VPPP-2A-M120-NAM-EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Passive M12 distributors are available in all conceivable forms and configurations. Furthermore, a number of special versions, e.g. SAI distributors for EX zones or the ergonomic M8, are available only from Weidmüller. These innovative products are backed up by numerous proprietary rights.

General ordering data

Version	Hood version Ex, M12, 30 V, A-coded, LED: No, LED initiator: No, Wiring type: 2-wire
Order No.	1868350000
Type	SAI-04D-VPPP-2A-M120-NAM-EX
GTIN (EAN)	4032248439539
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Height	41.5 mm	Height (inches)	1.634 inch
Length	102 mm	Length (inches)	4.016 inch
Net weight	204 g		

Temperatures

Operating temperature	-40 - 60°C
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Connection data

Wire connection method	PUSH IN	Cable glands	M 20
Clamping range, min.	0.14 mm ²	Clamping range, max.	1.5 mm ²
Distributor outlet	Hood version Ex		

Electrical data

Rated voltage, min.	0 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	0.8 A	Total current	0.8 A
Current per signal	0.8 A		

General technical data

Plug-in station coding	A-coded	Protection degree	IP66, IP67
Surge voltage category	III	Number of poles	2
Number of contact sockets	4	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≤ 50	LED	No
LED initiator	No		

Material data

Material O-Ring	FKM	Housing main material	Pocan
Housing colour	black (similar to RAL 9005)	Hood sealing material	Polyurethane foamed
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)
Cable gland material	Plastic		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-11	ECLASS 11.0	27-44-01-11
ECLASS 12.0	27-44-01-11	ECLASS 13.0	27-44-01-11

Important note

Product information

Included in delivery:

- 2 x Protection cap M12
- 1 x Cable gland M20x1.5
- 1 x MultiCard ESG 9/20 Device marker

Creation date May 20, 2024 7:39:05 PM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	IECEx Certificate ATEX Certificate CE Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	Technical change to passive M12 EX distribution boxes for zone 1 (ATEX and IECEx approval)
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

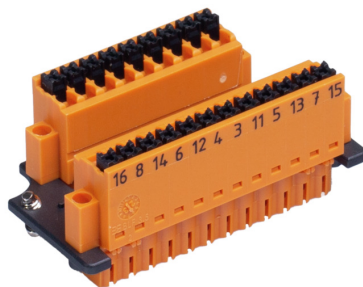
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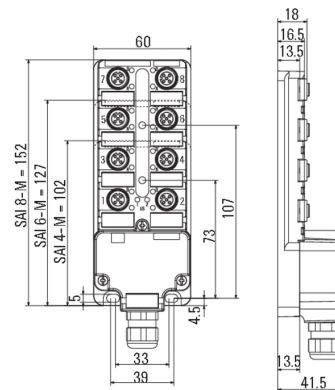
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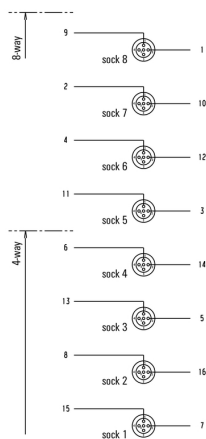
Miscellaneous



Dimensioned drawing



Wiring diagram



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Accessories

M12



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12-UNI 2029	Version
Order No.	2330260000	Protected component assemblies, Protective cap
GTIN (EAN)	4032248592067	
Qty.	20 pc(s).	

Screwty® cable gland tool with torque function



The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version	Packaging
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436859		
Qty.	1 pc(s).		

SAI-04D-VPPP-2A-M12O-NAM-EX

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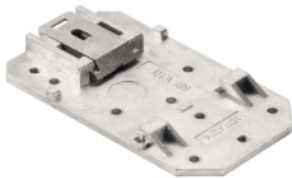
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Accessories

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General ordering data

Type	SAI-TS35 MF
Order No.	1917400000
GTIN (EAN)	4032248551330
Qty.	1 pc(s).

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 9/20 MC NE WS	Version
Order No.	1609940000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190203528	
Qty.	200 pc(s).	