

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">1868350000</a>
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 <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
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 7, 2024 10:12:26 AM CEST

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

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">IECEx Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CE Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Technical change to passive M12 EX distribution boxes for zone 1 (ATEX and IECEx approval)</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

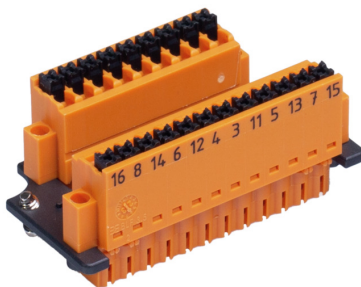
## Product image



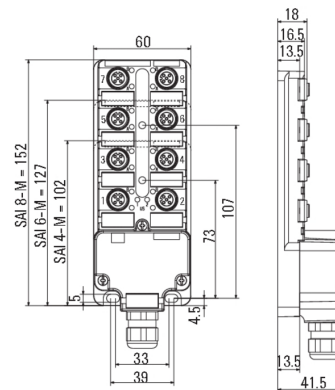
## Product image



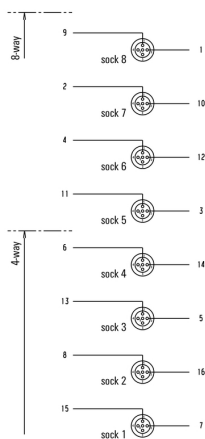
## Miscellaneous



## Dimensioned drawing



## Wiring diagram



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****M12**

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

**General ordering data**

Type	SAI-SK-M12-UNI 2029	Version
Order No.	<a href="#">2330260000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4032248592067	
Qty.	20 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.	<a href="#">1609940000</a>	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190203528	
Qty.	200 pc(s).	

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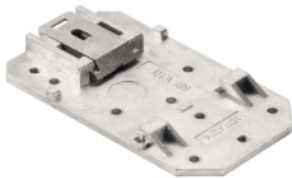
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## Accessories

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## General ordering data

Type	SAI-TS35 MF
Order No.	<a href="#">1917400000</a>
GTIN (EAN)	4032248551330
Qty.	1 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.	<a href="#">1920000000</a>	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436859		
Qty.	1 pc(s).		