

**SAI-08D-VPPP-5A-M120-OL2-EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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: PNP
Order No.	<a href="#">2902930000</a>
Type	SAI-08D-VPPP-5A-M120-OL2-EX
GTIN (EAN)	4099986005532
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	152 mm	Length (inches)	5.984 inch
Net weight	250 g		

**Temperatures**

Operating temperature	-40 - 60°C
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**Included in delivery**

Included in delivery	2 x Protection cap M12, 1 x Cable gland M20 x 1.5, 1 x MultiCard ESG 9/20 Device marker
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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	5
Number of contact sockets	8	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

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## Technical data

### Approvals

Approvals



### Downloads

Approval/Certificate/Document of Conformity	<a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CE Declaration of Conformity</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# Drawings

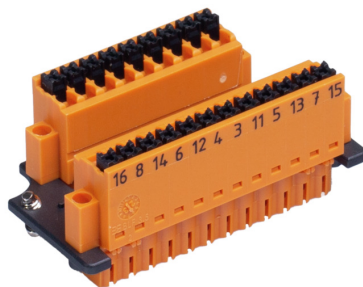
## Similar to illustration



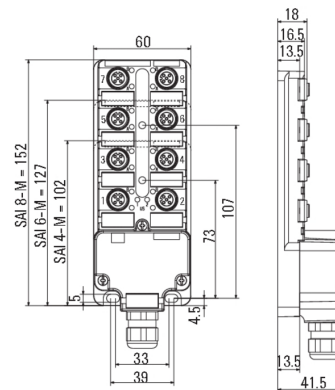
## Similar to illustration



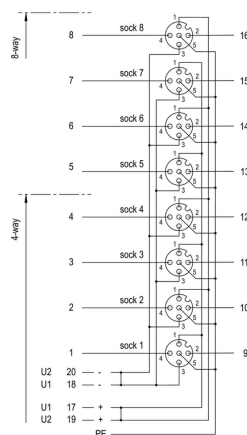
## Miscellaneous



## Dimensioned drawing



## Wiring diagram



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## Accessories

## 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).	

## 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).	

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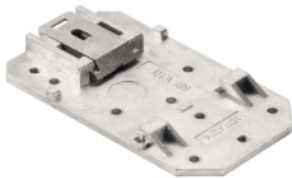
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## General ordering data

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).		