

**SAI-04D-VPHP-5A-M120-OL2-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: PNP
Order No.	<a href="#">2943800000</a>
Type	SAI-04D-VPHP-5A-M120-OL2-EX
GTIN (EAN)	4099986729971
Qty.	1 pc(s).

## SAI-04D-VPHP-5A-M120-OL2-EX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Height	61.3 mm	Height (inches)	2.413 inch
Length	102 mm	Length (inches)	4.016 inch
Net weight	250 g		

## Temperatures

Operating temperature	-40 - 60°C
-----------------------	------------

## Included in delivery

Included in delivery	2 x Protection cap M12, 1 x Cable gland M20 x 1.5, 1 x Sealing Plug M20 x 1.5, 1 x MultiCard ESG 9/17 K Device marker
----------------------	---

## 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	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 (base module), Zinc diecast (hood)
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	metal		

## 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

### SAI-04D-VPHP-5A-M12O-OL2-EX

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## 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>

**SAI-04D-VPHP-5A-M120-OL2-EX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

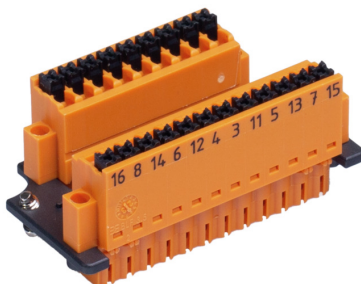
### Similar to illustration



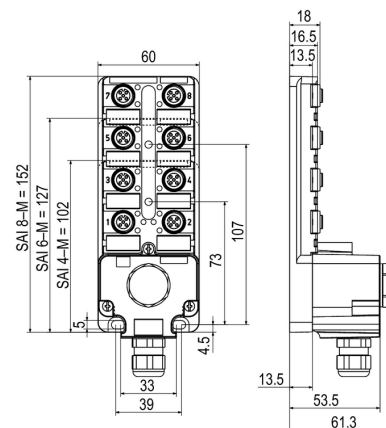
### Similar to illustration



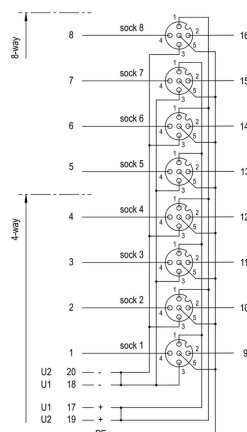
## Miscellaneous



## Dimensioned drawing



## Wiring diagram



**SAI-04D-VPHP-5A-M120-OL2-EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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 9/17 K MC NE WS	Version
Order No.	<a href="#">1674760000</a>	ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4008190447649	
Qty.	200 pc(s).	

**Accessories**

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**

Type	SAI-TS35 MF
Order No.	<a href="#">1917400000</a>
GTIN (EAN)	4032248551330
Qty.	1 pc(s).

## SAI-04D-VPHP-5A-M12O-OL2-EX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## 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
GTIN (EAN)	4032248436859		box
Qty.	1 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).	