

SAI-4/6/8-MHF 5P PUR40M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Version	Sensor-actuator passive distributor, Hood version, 40 m, No
Order No.	1791464000
Type	SAI-4/6/8-MHF 5P PUR40M
GTIN (EAN)	4032248708475
Qty.	1 pc(s).

Creation date January 28, 2022 2:19:40 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	59.2 mm	Depth (inches)	2.331 inch
Height	32.5 mm	Height (inches)	1.28 inch
Net weight	5,554 g		

Temperatures

Operating temperature	-20 - 80°C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Cable glands	M 20	Distributor outlet	Hood version
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Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	4 A	Total current	10 A

General technical data

Protection degree	IP68	Number of poles	5
Pollution severity	3	LED	No

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Colour coding	white, green, yellow, grey, pink, red, brown, black, violet, grey / pink, red / blue, white / green, white / yellow, Yellow / brown, white / grey, grey / brown, blue, Green/yellow	Halogen	No
Number of poles	5	O.D.	9.7 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Cable length	40 m
Suitable for cable carriers	Yes		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-08
ECLASS 11.0	27-44-01-08		

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Data sheet**SAI-4/6/8-MHF 5P PUR40M**

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Technical data**Approvals**

Approvals



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Drawings

Pinning

1		white
2		green
3		yellow
4		grey
5		pink
6		red
7		black
8		violet
9		grey/pink
10		red/blue
11		white/green
12		brown/green
13		white/yellow
14		yellow/brown
15		white/grey
16		grey/brown
17		brown
18		blue
19		red
20		black
21		green/yellow

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Accessories

M12



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

General ordering data

Type	SAI-SK-M12	Version
Order No.	9456050000	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 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).	

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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
Order No.	1920000000	Bolting tool
GTIN (EAN)	4032248436859	
Qty.	1 pc(s).	

Mouser Electronics

Authorized Distributor

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