

SAI-4/6/8-MHF 4P PUR 6M**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, 6 m, No
Order No.	1791450600
Type	SAI-4/6/8-MHF 4P PUR 6M
GTIN (EAN)	4032248221127
Qty.	1 pc(s).

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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	666 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	4
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	4	O.D.	8.2 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Cable length	6 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	ECLASS 12.0	27-44-01-08

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Technical data

Approvals

Approvals



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Engineering Data

[CAD data – STEP](#)

Catalogues

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Brochures

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Drawings

Pinning

1		white
2		green
3		yellow
4		grey
5		pink
6		red
7		black
8		violet
9		not connected
10		not connected
11		not connected
12		not connected
13		not connected
14		not connected
15		not connected
16		not connected
17		brown
18		blue
19		red
20		black
21		green/yellow