

SAI-4/6/8-MHF 5P PUR20M**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	Hood version, 30 V, , LED: No, LED initiator: No, Wiring type: None, 20 m
Order No.	1791462000
Type	SAI-4/6/8-MHF 5P PUR20M
GTIN (EAN)	4032248221318
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	2,801 g		

Temperatures

Operating temperature	-20 - 80°C
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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
Electrical isolation available	No		

General technical data

Protection degree	IP68	Number of poles	5
Pollution severity	3	LED	No
LED initiator	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	Wire cross section (Print/Online)	16 x 0.34 mm ² + 3 x 1.0 mm ²
Cable length	20 m	Suitable for cable carriers	Yes

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	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
ECLASS 13.0	27-44-01-08	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN