

SAI-04D-VPPP-2A-M120-NAM-EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 2-wire
Order No.	1868350000
Type	SAI-04D-VPPP-2A-M120-NAM-EX
GTIN (EAN)	4032248439539
Qty.	1 pc(s).

SAI-04D-VP-2A-M120-NAM-EX

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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	102 mm	Length (inches)	4.016 inch
Net weight	204 g		

Temperatures

Operating temperature	-40 - 60°C
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Connection data

Wire connection method	PUSH IN	Cable glands	M 20
Clamping range, min.	0.14 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Solid, min. H05(07) V-U	0.14 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.14 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.28 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1 mm ²
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	2
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
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		

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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	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	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

Environmental Product Compliance

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

Important note

Product information

Included in delivery:

- 2 x Protection cap M12
- 1 x Cable gland M20x1.5
- 1 x MultiCard ESG 9/20 Device marker

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	IECEx Certificate ATEX Certificate CE Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	Technical change to passive M12 EX distribution boxes for zone 1 (ATEX and IECEx approval)
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

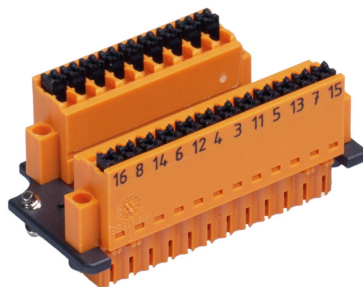
Product image



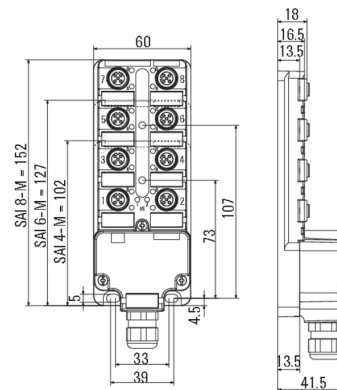
Product image



Miscellaneous



Dimensioned drawing



Wiring diagram

