

SAI-4/6/8-MH BLZF3.5 SV**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, No
Order No.	1752080050
Type	SAI-4/6/8-MH BLZF3.5 SV
GTIN (EAN)	4032248592364
Qty.	50 pc(s).

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	78.82 g
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Temperatures

Operating temperature	-20 - 90°C	Operating temperature, min.	-20 °C
Operating temperature, max.	90 °C		

Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	100 mm	Cable glands	M 20
Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
Distributor outlet	Hood version	Connection type PE	Tension-clamp connection

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Total current	10 A	Current per signal	2 A

General technical data

Protection degree	IP68	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED colour for indicating operation	green
LED colour for I/O function	yellow		

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	tinned	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 mm
Suitable for cable carriers	No		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	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

Approvals

Approvals



ROHS

Conform

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Data sheet**SAI-4/6/8-MH BLZF3.5 SV**

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Technical data**Downloads**

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