

**SAI-4/6/8-MH BL3.5 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	Hood, 30 V, , LED: No, LED initiator: No, Wiring type: None
Order No.	<a href="#">1724750050</a>
Type	SAI-4/6/8-MH BL3.5 SV
GTIN (EAN)	4032248586219
Qty.	50 items

## SAI-4/6/8-MH BL3.5 SV

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Depth	57 mm	Depth (inches)	2.2441 inch
Height	32.5 mm	Height (inches)	1.2795 inch
Width	59.2 mm	Width (inches)	2.3307 inch
Net weight	67.92 g		

### Temperatures

Operating temperature	-20 - 90°C
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### Environmental Product Compliance

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

### Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	100 mm	Cable gland	M 20
Clamping range, min.	0.08 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 28	Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm <sup>2</sup> min.		w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm <sup>2</sup> max.	
w. wire end ferrule, DIN 46228 pt 1, 0.2 mm <sup>2</sup> min.		w. wire end ferrule, DIN 46228 pt 1, 1.5 mm <sup>2</sup> max.	
max. connection of equal cross-section	10	Storage space	Standard
Distributor outlet	Hood		

### 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
Electrical isolation available	No		

### General technical data

Protection degree	IP67	Pollution severity	2
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED initiator	No

### Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Contact material	CuZn	Contact surface	Gold-plated

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**Technical data****Technical data cable**

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

**Classifications**

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

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**Drawings**

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