

SAI-AU M12 SB 8DIO-V2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The trend from IP 20 to IP 67, or rather from machines with cabinets to ones without, reaches its zenith in the IP 67 I/O slaves. In these Plug & Play solutions, the connection of individual conductors is avoided completely. This results in a substantial time-saving and eliminates mistakes in the connection of individual conductors. Today, IP 67 bus modules represent the most modern solution for the connection of sensors and actuators with the best cost-saving potential.

General ordering data

Order No.	3096480000
Type	SAI-AU M12 SB 8DIO-V2
GTIN (EAN)	4099987124720
Qty.	1 items

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Technical data

Dimensions and weights

Depth	180 mm	Depth (inches)	7.0866 inch
Height	32 mm	Height (inches)	1.2598 inch
Width	30 mm	Width (inches)	1.1811 inch
Length	180 mm	Length (inches)	7.0866 inch
Net weight	999 g		

Connections

Supply voltage (AUX-IN)	1x M12 plug 5-pole, A-coded, 1x M12 female 5-pole	Connection to Subbus (SUB-IN)	1 x M8 plug 4-pole, A-coded
Connection to Subbus (SUB-OUT)	1 x M8 female 4-pole, A-coded	I/O connections	8 x M8 socket 3-pole

Digital inputs

Input filter	1 ms, 3 ms, 5 ms, 10 ms, configurable	Input current, high	2 mA to 15 mA in accordance with EN 61131-2 Type 1
Input current, low	<15 mA in accordance with EN 61131-2 Type 1	Input voltage, high	>15 V in accordance with EN 61131-2 Type 1
Permitted input voltage	-30 V to +30 V (protected against polarity reversal)	Short-circuit protection	Yes
Separation of potentials to module electronics	none	Input voltage, low	<5 V in accordance with EN 61131-2 Type 1

Digital outputs

max. current-carrying capacity per output signal	0.5 A	Separation of potentials to module electronics	none
Short-circuit proof	Yes, cut-off for short circuit and error message	Max. total current outputs	4 A
Switching frequency, resistive load	max. 100 Hz	Short-circuit protection	Yes
Switching frequency, inductive load	max. 1 Hz	Output voltage, low	0 V DC
Switching frequency, lamp load	max. 8 Hz	Output voltage, high	Supply voltage less 0.7 V DC

General data

UL 94 flammability rating	5VA	Housing main material	Pocan, PBT
Protection degree	IP67	Certificate	CE, cULus
Earth	<200 g		

Supply voltage

Max. total current module	8 A	Contact load	Per PIN max. 4 A
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Classifications

ETIM 8.0	EC001599	ETIM 9.0	EC001599
ETIM 10.0	EC001599	ECLASS 14.0	27-24-26-04
ECLASS 15.0	27-24-26-04		