

**SAI Active
SAI-AU M12 SB 8DO 2A**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	SAI-AU M12 SB 8DO 2A
Order No.	1938680000
Version	SAI Active, Subbus, Complete modul
GTIN (EAN)	4032248612666
Qty.	1 pc(s).

SAI Active SAI-AU M12 SB 8DO 2A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Dimensions and weights

Length	180 mm	Width	30 mm
Height	32 mm	Net weight	301 g

Configuration

System integration	automatic
--------------------	-----------

Connections

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	4 x M12 female, 5-pole A-coded	Supply voltage (AUX-IN)	1x M12 plug 5-pole, A-coded

Digital inputs

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

Digital outputs

Max. total current outputs	4 A	Output voltage, high	Supply voltage less 0.7 V DC
Output voltage, low	0 V DC	Separation of potentials to module electronics [digital outputs]	none
Short-circuit proof	Yes, cut-off for short circuit and error message	Switching frequency, inductive load	max. 1 Hz
Switching frequency, lamp load	max. 8 Hz	Switching frequency, resistive load	max. 100 Hz
max. current-carrying capacity per output signal	2 A		

General data

Certificate	CE, cULus	Earth	< 200 g
Housing main material	Pocan, PBT	L x W x H	180 / 30 / 32
Protection degree	IP 67	UL 94 flammability rating	5VA

Fieldbus

Addressing	automatic	Bus system	Subbus
------------	-----------	------------	--------

Functional inputs

Input filter	1 ms, 3 ms, 5 ms, 10 ms, configurable
--------------	---------------------------------------

Datenblatt

SAI Active
SAI-AU M12 SB 8DO 2A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Supply voltage

Contact load	Per PIN max. 4 A	Limits	18 V DC ... 30 V DC
Max. total current module	8 A	Operating voltage	24 V
Reverse polarity protection	Yes		

Classifications

ETIM 3.0	EC001597	UNSPSC	43-17-27-10
eClass 5.1	27-25-04-03	eClass 6.2	27-24-26-04
eClass 7.1	27-24-26-04		

Approvals

Approvals

