

**SAI Active  
SAI-AU M12 SB 8DI**

**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 8DI
Order No.	<a href="#">1938610000</a>
Version	SAI Active, Subbus, Complete modul
GTIN (EAN)	4032248612628
Qty.	1 pc(s).

## SAI Active SAI-AU M12 SB 8DI

**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	155 mm	Width	30 mm
Height	32 mm	Net weight	272 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		

### 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		

### General data

Certificate	CE, cULus	Earth	< 200 g
Housing main material	Pocan, PBT	L x W x H	155 / 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
--------------	---------------------------------------

### Supply voltage

Limits	18 V DC ... 30 V DC	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		

**Datenblatt**

**SAI Active**  
**SAI-AU M12 SB 8DI**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Technische Daten**

**Approvals**

Approvals

