

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

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

[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

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**

Version	SAI Active, Subbus
Order No.	<a href="#">1938680000</a>
Type	SAI-AU M12 SB 8DO 2A
GTIN (EAN)	4032248612666
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197

**Dimensions and weights**

Net weight	298 g
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**Temperatures**

Storage temperature	Operating temperature
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	30ca4bfe-b33c-43ed-b218-3746bc09f6a6

**Connections**

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

Diagnosis indication	red	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	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	2 A	Diagnosis indication	red
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
Switching frequency, inductive load	max. 1 Hz	Output voltage, low	0 V DC
Output voltage, high	Supply voltage less 0.7 V DC		

**General data**

Certificate	CE, cULus	Earth	< 200 g
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**Technical data****Supply voltage**

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

**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		