

SAI-AU M8 SB 8DI**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

Version	SAI Active, Subbus, Complete modul
Order No.	1938600000
Type	SAI-AU M8 SB 8DI
GTIN (EAN)	4032248612611
Qty.	1 pc(s).

Creation date August 18, 2023 3:28:56 PM CEST

Catalogue status 04.08.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	32 mm	Height (inches)	1.26 inch
Width	30 mm	Width (inches)	1.181 inch
Length	155 mm	Length (inches)	6.102 inch
Net weight	265 g		

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...60 °C
Operating temperature, min.	0 °C	Operating temperature, max.	60 °C

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	8 x M8 socket 3-pole		

Digital inputs

Diagnosis indication	red	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	none

Digital outputs

Diagnosis indication	red
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General data

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

Supply voltage

Limits	18 V DC ... 30 V DC	Operating voltage	24 V
Reverse polarity protection	Yes		

Classifications

ETIM 6.0	EC001601	ETIM 7.0	EC001601
ETIM 8.0	EC001601	ECLASS 9.0	27-24-26-05
ECLASS 9.1	27-24-26-90	ECLASS 10.0	27-24-26-05
ECLASS 11.0	27-24-26-05	ECLASS 12.0	27-24-26-05

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	30ca4bfe-b33c-43ed-b218-3746bc09f6a6

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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity DE_PN45 CE Declaration of Conformity - DE UKCA Declaration of Conformity - EN
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
Catalogues	Catalogues in PDF-format
Brochures	