

SAI-AU M12 DN 16DI/8DO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The Universal range meets current demands and is popular thanks to its expanded diagnostics options and modern design.

General ordering data

Version	SAI Active, DeviceNet, Complete modul
Order No.	1906710000
Type	SAI-AU M12 DN 16DI/8DO
GTIN (EAN)	4032248528936
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	460 g	Width	54 mm
Width (inches)	2.126 inch		

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...60 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
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Connections

Fieldbus (BUS-IN)	1x M12 plug 5-pole, A-coded	Fieldbus (BUS-OUT)	1x M12 female 5-pole, A-coded
I/O connections	8 x M12 socket 5-pole, A-coded	Supply voltage (AUX-IN)	2x M12 plug 5-pole, A-coded

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	3 ms
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	Max. total current outputs	7 A
Output voltage, high	Supply voltage less 0.7 V DC	Output voltage, low	0 V DC
Separation of potentials to module electronics	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	0.5 A, 2 A

General data

Certificate	CE, cULus	Earth	< 400 g
Housing main material	Pocan, PBT	Protection degree	IP67
UL 94 flammability rating	V-0		

Supply voltage

Contact load	Per PIN max. 4 A	Current consumption module	70 mA typically
Limits	18 V DC ... 30 V DC	Max. total current module	8 A
Operating voltage	24 V	Reverse polarity protection	Yes

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ETIM 6.0	EC001601	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Engineering Data	WSCAD
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