SAI-AU M12 DN 16DI

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.	1906700000
Type	SAI-AU M12 DN 16DI
GTIN (EAN)	4032248528912
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

Environmental Product Compliance

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

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

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

Classifications

ETIM 6.0	EC001599	ETIM 7.0	EC001599
ECLASS 9.0	27-24-26-04	ECLASS 9.1	27-24-26-04
ECLASS 10.0	27-24-26-04	ECLASS 11.0	27-24-26-04

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E141197

Downloads

Engineering Data	WSCAD