

SAI-AU M12 DN GW 16DI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Many gateway I/O units are available. Choose between DeviceNet, USB and the Ethernet dialects: EtherNet/IP, Modbus TCP and PROFINET IO. The gateways have 16 digital inputs; the USB module has 8 additional outputs. The USB is connected to a PC USB port and once the driver has been installed works on all USB ports. Implementation via the simple Modbus standard protocol is possible.

General ordering data

Version	SAI Active, DeviceNet, Complete modul
Order No.	1938570000
Type	SAI-AU M12 DN GW 16DI
GTIN (EAN)	4032248612383
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	32 mm	Height (inches)	1.26 inch
Width	54 mm	Width (inches)	2.126 inch
Length	210 mm	Length (inches)	8.268 inch
Net weight	437 g		

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

Connection to Subbus (SUB-OUT)	1 x M8 female 4-pole, A-coded	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		

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	< 350 g
Housing main material	Pocan, PBT	Protection degree	IP67
UL 94 flammability rating	V-0		

Supply voltage

Contact load	Per PIN max. 4 A	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	EC001583	ETIM 7.0	EC001583
ECLASS 9.0	27-24-26-92	ECLASS 9.1	27-24-26-92
ECLASS 10.0	27-24-26-92	ECLASS 11.0	27-24-26-92

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Engineering Data	STEP
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	