

**SAI Active
SAI-AU M12 DN GW 16DI**

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Many gateway I/O units are available. Choose between PROFIBUS-DP, DeviceNet, USB and the Ethernet dialects EtherNet/IP, Modbus TCP and PROFINET IO. The gateways have 16 digital inputs, the USB modul has 8 additional outputs. The USB is connected to the PC via a USB port, it operates at every USB port after the driver has been installed. Implementation via the simple Modbus standard protocol is possible.

General ordering data

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

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Technische Daten

Dimensions and weights

Length	210 mm	Width	54 mm
Height	32 mm	Net weight	437 g

Configuration

System integration	EDS file
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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

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 [digital inputs]	none		

General data

Certificate	CE, cULus	Earth	< 350 g
Housing main material	Pocan, PBT	Protection degree	IP 67
UL 94 flammability rating	V-0		

Fieldbus

Addressing	Via rotary coding switch (0 – 63)	Bus system	DeviceNet
Transmission rate	Max. 500 kBit/s (automatic detection)		

Functional inputs

Input filter	1 ms, 3 ms, 5 ms, 10 ms, configurable
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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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Technische Daten**Classifications**

ETIM 3.0	EC001597	UNSPSC	43-17-27-10
eClass 5.1	27-25-04-03	eClass 6.2	27-24-26-04
eClass 7.1	27-24-26-04		

Approvals

Approvals



ROHS

Conform