

**SAI Active
SAI-AU M12 SB 4PT100**

Weidmüller Interface GmbH & Co. KG
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Germany
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www.weidmueller.com



Besides the well-known digital input and output modules, the SAI-Pro-System also includes meter components, thermo, PT100 and analogue modules. Its comprehensive range offers users a wide choice.

General ordering data

Type	SAI-AU M12 SB 4PT100
Order No.	1938710000
Version	SAI Active, Subbus
GTIN (EAN)	4032248612697
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	155 mm	Width	30 mm
Height	32 mm	Net weight	280 g

Configuration

System integration	automatic
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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	4 x M12 female, 5-pole A-coded		

Digital inputs

Input filter	configurable
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General data

Certificate	CE, cULus	Earth	< 200 g
Housing main material	Pocan, PBT	L x W x H	155 / 30 / 32
Protection degree	IP 67	UL 94 flammability rating	5VA

Fieldbus

Addressing	automatic	Bus system	Subbus
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Functional inputs

Conversion time	250 ms (can be configured to 65 ms)	Input filter	configurable
Measurement current	Typically 0.5 mA	Measurement error	< ± 1 °C
Measurement range for Ni sensors	-60 °C ... +250 °C	Measurement range for PT sensors	-200 °C ... + 850 °C
Potentiometer	100 to 4000 Ω (three-wire connection)	Resistance measurement	max. 4000 Ohm
Resolution		Sensor	N100, N1000, N120, PT100, PT1000, PT200, PT300, PT500, Potentiometer connection, Resistance measurement
	0.1 °C per digit		

Supply voltage

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

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		

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Approvals

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ROHS

Conform