

**SAI Active**  
**SAI-AU M12 CAN 16DI**

**Weidmüller Interface GmbH & Co. KG**  
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The Universal range meets current demands and is popular thanks to its expanded diagnostics options and modern design.

**General ordering data**

Type	SAI-AU M12 CAN 16DI
Order No.	<a href="#">1906650000</a>
Version	SAI Active, Sensor-actuator active distributor, CANopen, Complete modul
GTIN (EAN)	4032248528820
Qty.	1 pc(s).

Creation date August 17, 2020 7:20:39 AM CEST

Catalogue status 24.07.2020 / We reserve the right to make technical changes.

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**Technical data**
**Dimensions and weights**

Width	54 mm	Width (inches)	2.126 inch
Net weight	461 g		

**Temperatures**

Operating temperature, max.	60 °C	Operating temperature, min.	0 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-25 °C
Operating temperature	0 °C...60 °C	Storage temperature	-25 °C...85 °C

**Environmental Product Compliance**

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

Fieldbus interface	RS 485	Module type	Complete modul
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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)	1x M12 plug 5-pole, A-coded
Supply voltage (AUX-OUT)	1x M12 female 5-pole, A-coded		

**Digital inputs**

Diagnosis indication		Input current, high	2 mA to 15 mA in accordance with EN 61131-2 Type 1
	red	Input filter	3 ms
Input current, low	< 15 mA in accordance with EN 61131-2 Type 1	Input voltage, low	<5 V in accordance with EN 61131-2 Type 1
Input voltage, high	>15 V in accordance with EN 61131-2 Type 1	Separation of potentials to module electronics	none
Permitted input voltage	-30 V to +30 V (protected against polarity reversal)		

**Digital outputs**

Diagnosis indication	red
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**General data**

Certificate	CE, cULus	Earth	< 400 g
Housing main material	Pocan, PBT	L x W x H	210 mm / 54 mm / 32 mm
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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**Data sheet**

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**Classifications**

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	UNSPSC	43-17-27-10

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a>
Engineering Data	<a href="#">WSCAD</a>