

SAI-AU M8 DN 16DI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

DeviceNet™ is a fieldbus system that was devised in the USA which is now being used more and more in Europe and Asia as well. DeviceNet™ is based on CAN (Control Area Network) when it comes to physical layers 1 and 2 in the ISO 7-layer model. The so-called Common Industrial Protocol (CIP) is used in the application layer (ISO Layer 7). This is an open standard which is also used for ControlNet™ und EtherNet/IP. In future, it will enable consistent communications between the field level and the Internet.

General ordering data

Version	SAI Active, DeviceNet, Complete modul
Order No.	1906730000
Type	SAI-AU M8 DN 16DI
GTIN (EAN)	4032248528974
Qty.	1 pc(s).

SAI-AU M8 DN 16DI

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	468 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	16x M8 female 3-pole	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

SAI-AU M8 DN 16DI

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

UL File Number Search

E141197

Downloads

Engineering Data

[WSCAD](#)