

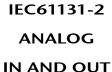
MADC



APPLICATIONS

The **EM MODULE MADC** is the perfect USB analog/digital converter module. It is a german engineered and high quality USB extension module, offering the highest performance in tough environments.

- _ Rugged Industrial Module
- _ Automatic Control Panels
- _ Information Systems
- _ Measurement & Quality Control
- Automotive







Connect up to seven modules per TB-M/TB-H to your system.



Easy programmable. Configure your system to your individual requirements.



12 control LEDs for monitoring. Each LED is individual programmable.



Extreme temperatures from -40 °C to +85 °C are supported.



8 analog inputs (12 Bit) and 2 analog outputs (10 Bit).



Designed for hat rail / DIN rail mounting.





SPECIFICATIONS

Analog inputs 8x 12 Bit; 4 to 20 (mA) or

0 to 5 / 0 to 10 / -10 to 10 (V)

Analog outputs 2x 10 Bit; 0 to 10 / -10 to 10 (V)

Connector Molex 26-pin Microclasp™

Status LEDs 12 LEDs

USB client port 1 USB 2.0 | USB 1.1 | Type A

Power supply USB VCC (+5 V supply, current limited to 500 mA)

carrette infinited to 300 finity

Fanless Designed for fanless operation

Max. operating temp. -40°C to +85°C ambient

Max. storage temp. -40°C to +85°C ambient

Max. rel. humidity 95 % @ 40°C, non-condensing

Housing ABS-PC

Mounting TB-M and TB-H module mounting

Hat rail / DIN rail

Stand alone

Dimensions approx. 93 x 39 x 27 mm

Weight approx. 40 grams

Conformity CE, ROHS, REACH

OS support Microsoft® Windows® 10;

Microsoft® Windows® 10 IoT; Linux Kernel 3.4 or later

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Control Type Virtual Com Port

THE WORLD IS ANALOG INTERFACE TO THE REAL WORLD



Ordering Code System	Description	Туре
IMADCAA0	USB Module	8x 12-Bit analog IN 2x 10-Bit analog OUT Rail Mounting GREY
IMADCAA30	USB Module	8x 12-Bit analog IN 2x 10-Bit analog OUT Rail Mounting MAGENTA
IMADCAC0	USB Module	8x 12-Bit analog IN 2x 10-Bit analog OUT Hat rail or stand alone mounting GREY USB cable 80 cm

OVERVIEW

The EM MODULE MADC is the perfect analog to digital and digital to analog USB module. The 12 Bit analog inputs and 10 Bit analog outputs, conforming to DIN EN 61131-2.

SUMMARY

- ▶ 8 analog inputs
- ▶2 analog outputs
- ▶ 12 status LEDs
- ► Selectable power and current ranges

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