

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

AD INPUT AND OUTPUT





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 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)

Analog connector 26 pin Molex Microclasp™

USB client port 1 USB 2.0 / 1.1 Type A
Cable solution (optional)

OS support Visual COM port configuration

Microsoft® Windows® 7
Microsoft® Windows® 10

Microsoft[®] Windows[®] 10 IoT Core

Linux Ubuntu 16.04.1 LTS

Power supply USB VCC (+5 V supply, current

limited to 500 mA)

Housing ABS-PC

Dimension 93 mm x 38,5 mm x 26,6 mm

Weight Approximately 40 grams

Mounting EMTrust TB-M and TB-H module

mounting, hat rail mounting

Cooling Designed for fanless operation

Conformity CE, ROHS, REACH

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

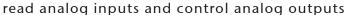
Max. storage temp. -40°C to +85°C ambient

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

ANALOG TO DIGITAL CONVERTER

FLEXIBLE MEASUREMENT BY LOGICAL PROGRAMMING







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 FN 61131-2.

SUMMARY

- ▶ 8 digital inputs
- ▶ 2 digital outputs
- ➤ Selectable power and current ranges





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