EM TRUST
systems you can trust

M232

RS-232

APPLICATIONS

The **EM® MODULE M232** is the perfect RS232 module solution.

These are german engineered and high quality USB extension modules, offering the highest performance in tough environments.

_ Rugged Industrial Module
_ Long Term Availability
_ Easy Installation

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

Small installation depth.

Easy installation. Wide software compatibility.

Use the M232 in harsh and tough environments.

9-pin male D-SUB with standard RS232 functionality.

Designed for hat rail / DIN rail mounting.

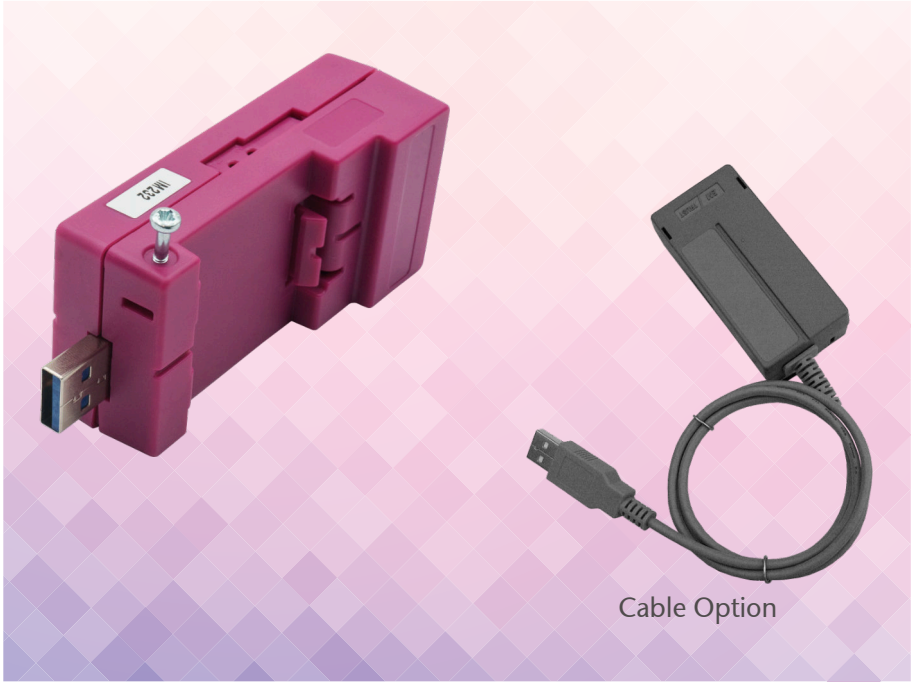
HIGH QUALITY
MADE IN GERMANY

E.E.P.D.
...just embedded!

SPECIFICATIONS

Serial port	9-pin male D-SUB connector with standard RS232 pinout max. bit rate 1 MBit/s
USB client port	1 USB 2.0 | USB 1.1 | Type A
Power supply	USB VCC (+5 V supply, current limited to 500 mA)
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 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 Enterprise; Linux Kernel 3.2 or later
Control Type	Virtual Com Port

HIGHLY COMPATIBLE
INDUSTRIAL TEMP -40°C TO +85°C



Cable Option

OVERVIEW

The EM® MODULE M232 is powered by proven technology. The module is ready for USB 2.0/1.1 and supports one RS232 port.

SUMMARY

- ▶ Support for RS232 interfaces
- ▶ USB 2.0 ready
- ▶ Hat rail / DIN rail mounting

Ordering Code System	Description	Type
IM232AA0	USB Module	RS-232 | Rail Mounting | GREY
IM232AA30	USB Module	RS-232 | Rail Mounting | MAGENTA
IM232AC0	USB Module	RS-232 | Hat rail or stand-alone mounting GREY | USB cable 80 cm

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