CODE: **INTUR** v.1.0/III
TYPE: **Interface USB-RS485**

EN*

CE

Features:

- data conversion from the RS485 bus to a computer via a USB port
- galvanic isolation
- easy connection
- power supply from the computer's USB port
- compliant with the PowerSecurity programming software
- LED indication
- small size
- warranty – 5 years from the date of production

DESCRIPTION

The USB-RS485 "INTUR" interface enables connecting of the RS485 bus to a PC through a USB port. For proper operation, the converter does not need an external power source since the power is drawn from the computer's USB port. The connection is safe due to a built-in galvanic isolation. The interface is recognised by the computer's operating system as a virtual COM port.

SPECIFICATIONS	
Power supply	5V DC from the computer's USB port
Current consumption	Max. 25mA from the computer's USB port
Transmission's speed	Max. 115200 bauds, with parity check
Galvanic isolation between the RS485 interface and a USB	1KV(DC), 700V(AC)
LED indication	PWR – power's voltage indication (red LED) TX – data transmission (yellow LED) RX – receiving data (green LED)
Compliance of the USB interface	USB 1.1 USB 2.0 (Full Speed)
Length of the USB wire	1,7m
Protection grade	IP20
Operating conditions	Temperature -10 ^{o}C ÷ 40 ^{o}C Relative humidity 20%...90%
Dimensions (LxWxH)	100 x 48 x 40 [mm]
Net/gross weight	0,14kg / 0,24kg
Storage temperature	-20ºC...+60ºC
Declarations, warranty	CE, RoHS, 5 years from the production date

A block diagram of power supplies of the
connected to the RS485 bus.

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