

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

EN\*



### 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	5 V 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 °C ÷ 40 °C Relative humidity 20%...90%
Dimensions (LxWxH)	100 x 48 x 40 [mm]
Net/gross weight	0,14kg / 0,24kg
Storage temperature	-20°C...+60°C
Declarations, warranty	CE, RoHS, 5 years from the production date

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

