

PMT-U/4-Z45

- converter module USB / RS 485
- 3 signalling diodes
- galvanic isolation between
- USB interface and RS 485 lines

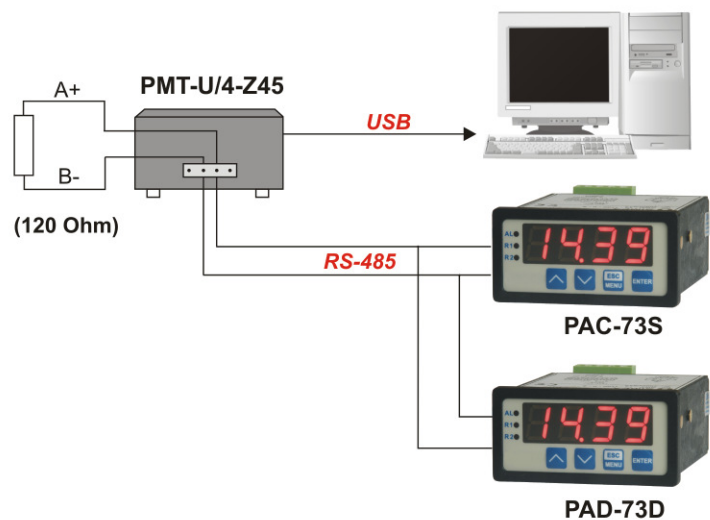
The PMT-U/4-Z45 converter module is used to connect MASTER devices with a USB port to a RS-485 bus. For example, a suitably programmed PC computer can function as the system MASTER device. The module provides galvanic isolation (optoisolation) between an USB interface and RS-485 lines. The module supports any BD SIMEX devices equipped with a RS-485 standard port. The module also supports transmission (e.g. MODBUS standard) between any devices equipped with a RS 485 interface and a master device with built-in USB controller.

- transmission rate control using RTS signal,
- power supply voltage connection signalling,
- programming mode signalling,
- RS-485 transmitter activation signalling,
- operation set-up signalling,
- transmit and receive signalling.

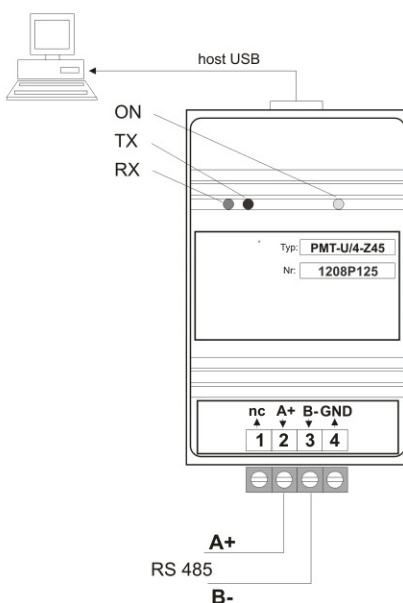


Typical applications

Communication with a network of devices equipped with an RS-485.



Exemplary pin assignment



Technical data

Power supply voltage: from USB interface (4,4...5,25V DC)

Power consumption: max. 150 mA

Galvanic separation: separation between USB interface and RS 485 lines

USB interface port: 1 x type B USB, A to B type cable, length about 3 m

Transmission speed: 300 - 115200 bit/sec.

Operating temperature: 0...50°C

Storage temperature: -10...70°C

Humidity: 5% up to 90% without condensation

Housing dimensions: 40 x 55 x 100 mm

Weight: 170 g

Ordering

PMT-U/4-Z45-005-N1