

PMT-2/4-Z45

- converter module RS 232 / RS 485
- 4 signalling diods
- galvanic isolation between
- RS 232 and RS 485 lines

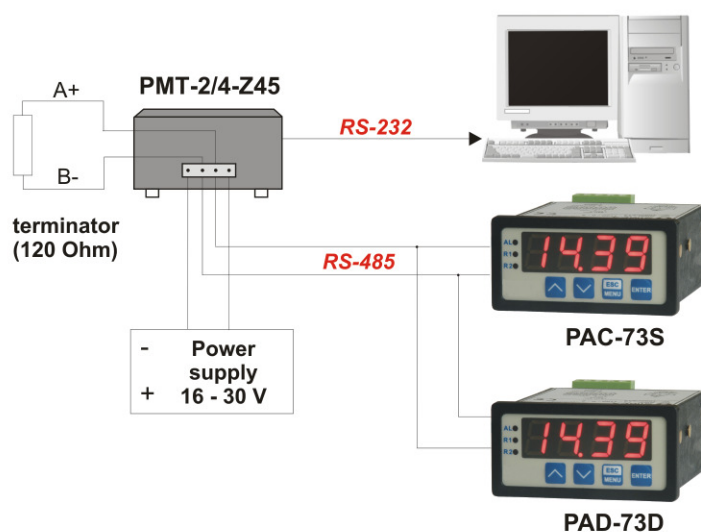


The PMT-2/4-Z45 converter module is used to connect MASTER devices with a RS-232 port to a RS-485 bus. The module supports devices, which control Tx switching using the RTS signal and devices, which do not control Tx switching using the RTS signal (Tx switching is then fully automatic). For example, a suitably programmed PC computer can function as the system MASTER device.

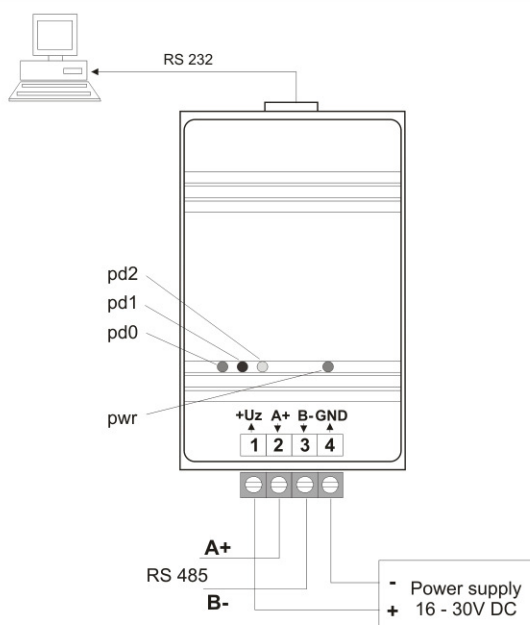
- transmission rate control using RTS signal,
- power supply voltage connection signalling,
- programming mode signalling,
- RS-485 transmitter activation signalling,
- operation set-up signalling,
- transmit and receive signalling.

Typical applications

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



Exemplary pin assignment



Technical data

Power supply voltage: 16...30 V DC

Power consumption: typical 0,65 VA; max. 1,6 VA

Galvanic separation: separation between RS 485 interface and RS 232 signals

RS 232 interface port: 1 x 9 PIN Canon (RS 232), cable, length about 1.3 m

Transmission parameters: 2400...115200/8/1/N (RTS line control disabled)
1200...115200/8/1/N (RTS line control enabled)

Transmitter deactivation delay time: typically 1.5 characters (not applicable to RTS line control)

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-2/4-Z45-005-N1