

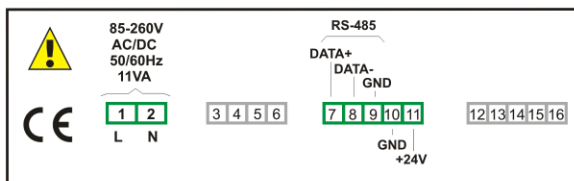
## PAD-W510D

- large-size indicator
- RS-485 / Modbus RTU
- MASTER / SLAVE
- digits height: 100 mm

The PAD-W510D is a simple digital panel indicator intended for displaying any numerical values and characters defined by user (in SLAVE mode only) sent from the master device over the RS-485 serial interface link. The display brightness can be adjusted in 8 steps. The device has 4 buttons being used for main presets programming. To get high protection level, the keyboard is mounted under transparent cover. To allow user to change presets without opening the cover, an IR sensor is mounted. Remote controller keyboard is equivalent to the device keyboard (Note, that remote controller is not a part of the set. It is an additional equipment). Modbus RTU protocol is used to communication with device. The transmission speed is user defined in 1200 ÷ 115200 baud range. It is possible to order device with other communication protocol using RS-485 interface (special order required).

- operation option MASTER/SLAVE selected from the menu,
- possibility of displaying mnemonic messages,
- display brightness adjustment,
- programming by means of a built-in keypad, IR programmer or RS-485 communication interface.

### Examply pin assignment



### Ordering

PAD-W510D-0000-1-X-005-N1

**power supply:**  
 3 : 24V AC/DC  
 4 : 85...260V AC/DC



### Typical applications

1. Repeater of displayed information i.e. from the PAC-94S indicator featuring the RS-485 / SLAVE interface.
2. Application wherever there is a need for precise (readable) readings from a large distance.



### Technical data

**Power supply:** 19...50V DC; 16...35V AC or 85...260V AC/DC

**External fuse (required):** T-type, max. 2A

**Power consumption:** for 85...260V AC/DC and 16...35V AC power supply: max. 11 VA; for 19...50V DC power supply: max. 8 W

**Display:** LED, red, 5 x 100 mm, with 8-step adjustment of brightness

**Displayed values range:** 5 digits (-9999...99999 plus decimal point) or any of character indication in range of 7-segments display

**Sensor supply output:** 24V DC +5%, -10% / max. 100 mA

**Communication interface:** RS-485, 8N1 and 8N2, Modbus RTU, not galvanically isolated

**Transmission speed:** adjustable in range from 1200...115200 bit/s

**Data memory:** non-volatile memory, EEPROM type

**Operating temperature:** 0...50°C

**Storage temperature:** -10...70°C

**Protection class:** IP 30

**Case:** wall-mounted

**Case material:** aluminium + methyl polymethacrylate

**Case dimensions:** 578 x 208 x 102 mm

### Accessories



IR programmer PMT-15