

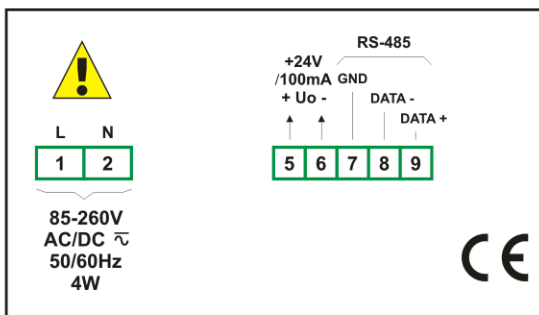
PAD-94D

- indicator with a large display
- RS-485 / Modbus RTU
- MASTER / SLAVE

The PAD-94D indicator is intended for displaying the measurement data and characters defined by user sent from the master device over the RS-485 link (Modbus RTU protocol). The display brightness can be adjusted in 8 steps.

- password protected,
- display brightness adjustable in 8 steps,
- transmission speed adjustable: 1200...115200 bit/s
- available with AC and DC power supply versions.

Exemplary pin assignment



Ordering

PAD-94D-0000-1-X-XX5-N1

options:

- 00 : no options
- 01 : IP 65
- 05 : 6 digits 13 mm
- 06 : 6 digits 13 mm + IP 65

power supply:

- 3 : 24V AC/DC
- 4 : 85... 260V AC/DC



Typical applications

1. Duplication of measured value.



Technical data

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

Power consumption: for 85...260V AC/DC and 16...35V AC power supply: max. 4,5 VA; 19...50V DC power supply: max. 4,5 W

Display: LED, red, 4 x 20 mm high or 6 x 13 mm high + 3 LED diodes (red), with 8-step adjustment of brightness

Displayed values range: 4 digits (-999...9999 plus decimal point) or 6 digits (-99999...999999 plus decimal point) or any of character indication in range of 7-segments display

Accuracy (25 °C): $\pm 0,1\%$ FSO

Tolerance band (0...50°C): max. 0,25 % FSO

Communication interface: RS-485 (Modbus RTU), not galvanically isolated

Transmission speed: adjustable in range from 1200 to 115200 bit/sek.

Transmission parameters: 8N1 and 8N2

Operating temperature: 0...50°C

Storage temperature: -10...70°C

Protection class: IP 65 (front side when an additional frame is installed); IP 40 (front side); IP 20 (case and connection clips)

Case: board

Case material: NORYL - GFN2S E1

Case dimensions: 96 x 48 x 100 mm

Panel cut-out dimensions: 90,5 x 43 mm

Board thickness: max. 5 mm