

Multichannel measuring interface AL154S5T14

AL154S5T14

General informations:

Multichannel temperature measuring system. System has several kind of power supply, own display and internal memory. This system we can use like portable measuring system or to build some large test set.

System has also 14 inputs to temperature sensors, type PT.

Application:

AL154S5T14 has application in measurements: technical parameters of building materials, parameters of ventilators, air conditioning systems, gas and liquid flows.

Two types of communication inputs:

- Supply input: 6-12V slot 5.5/2.1
- Supply on-switch.



RS232 or RS422 port.



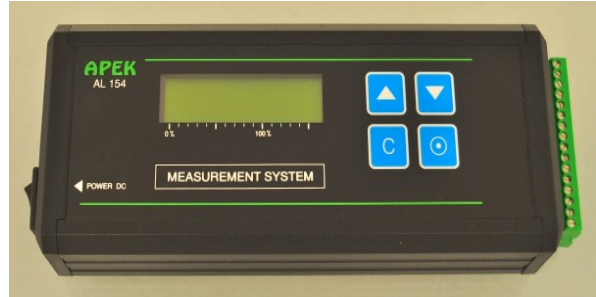
USB port.

Technical parameters:

- 14 temperature inputs:
 - from -40°C to 120°C/ from -40°C to 600°C.
 - Two-wire PT100 / **PT500** / PT1000,
- Sensors supply current: 3mA/0.6mA/0.3mA
- Instantaneous power of sensors.
- Memory of measurement: **0.5MB** /1.5MB / 3MB.
- Power supply 6-12V/300mA or with USB port.
- Supply current 50mA.
- Display LCD 4x20 marks.
- Accumulator 3.6V 1800mAh, optionally.
- Version with accumulator 30h.
- Communication: USB / RS232 / RS422.
- Sample rate: from 1sec to 8h.
- Galvanic isolation of communication circuit.
- Dimension: LxSxG 200x80x40.

Casing:

- Display LCD 4x20marks with LED backlit.
- Membrane keyboard.



Aluminum body, with sides made from ABS, high quality membrane keyboard and window on backlit display.

- 1 – T1 input
- 2 – T2 input
- 3 – T3 input
- 4 – T4 input
- 5 – T5 input
- 6 – T6 input
- 7 – T7 input
- 8 – T8 input
- 9 – T9 input
- 10– T10 input
- 11– T11 input
- 12– T12 input
- 13– T13 input
- 14– T14 input
- 15– GNDA
- 16– GNDA



Dissociable screw fastening
HARTMAN 2x 16PIN

Method of sign and reserve:

AL154S5T14.X.Y.XY.Z

X- communication: 1- for USB,
2- for RS232, 4- for RS422.

A- range of measurements: L from -40 to 120°C,
H from -40 to 600°C

Y-supply: A- built-in accumulator,

B-power supply with USB port and with accumulator, M- without accumulator, S- without accumulator, only with USB port.

XY- memory of measurement: NM – without memory,

M0- 0.5MB, M1- 1MB, M2- 1.5MB, M3- 3MB.

Example:

AL154S5T14.1.B.M0.PT500

Producer stipulate possibilities to make change, which cannot be included in this document.