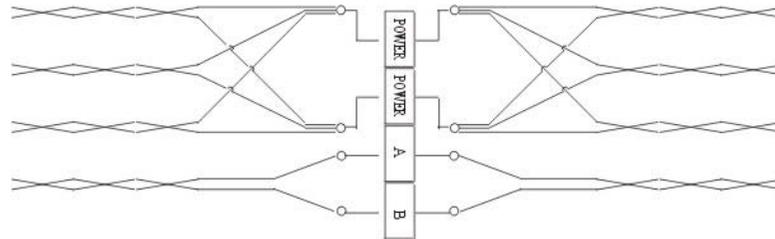


Change of network address in the Logginet System

In order to assign or change a unit address in the Logginet System follow the steps listed below:

1. Activate the MONITOR LOGGINET program, and enter the SERVICE mode.
2. Turn on sensor power supply.
3. Apply magnet to the left top corner of the front panel and move it down to the left bottom corner of the casing.
4. As soon as the unit is found, enter new network address in the RS485 ADDRESS field.
5. Accept address change by pressing the “Send to unit” key.
6. In order to establish communication with a sensor that has a new address, it is necessary to go to the SET option and enter address assigned to a particular sensor in the “Sensor address” field.

**Wire connection** it is recommended to use screened wire 4x2x0.25 mm or 4x 2x0.14 mm (cord),



Application.

The LGT-02 temperature sensor has been designed to measure interior temperature and to signal logic state at control input. Sensor casing is fitted for on-wall installation. LED diodes indicating unit operation mode and signalling correctness of transmission are located on the front side of sensor casing. Communication with the sensor is carried out through an RS-485 interface. It is possible to connect up to 128 sensors to a single RS-485 line.

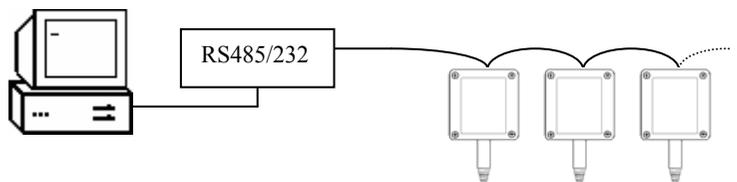


**MIKSTER** Sp. z o.o. [Ltd.]  
41 – 250 Czeladź ul. Wojkowska 21, Poland  
Tel. (32) 265-76-41; 265-70-97; 763-77-77 Fax: 763 – 75 – 94  
[www.mikster.com.pl](http://www.mikster.com.pl) [mikster@mikster.com.pl](mailto:mikster@mikster.com.pl)

Technical data.

- Overall dimensions: 82x80x57mm  
(including measuring probe and terminals: 82x150 x57mm)
- Protection class: IP65
- Power supply: 12..24VAC or 15..30VDC
- Data transmission: RS-485 interface, communications protocol: MODBUS RTU
- Temperature measurement range: -40..85°C
- Measurement resolution for temperature: 0.1°C
- Measurement accuracy for temperature: 0.5°C within range: -10..85°C
- Power consumption: ~ 0.25W

Transducers connected in a network.



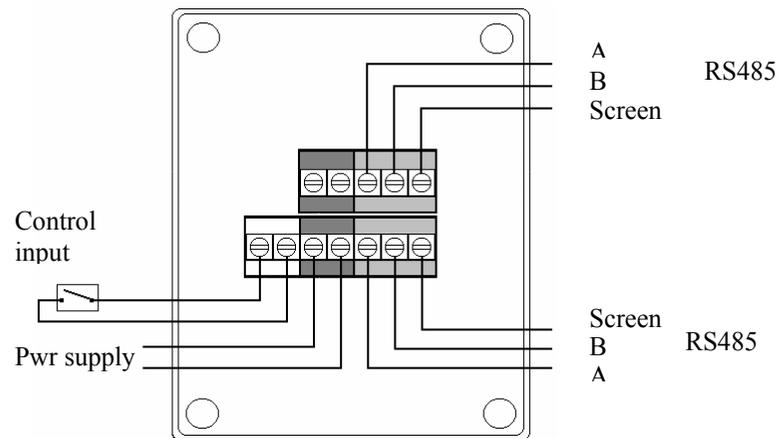
PC computer

LOGGINET system elements

CAUTION:

EVERY UNIT CONNECTED TO THE LOGGINET SYSTEM SHALL HAVE ITS INDIVIDUAL ADDRESS.

Connecting of a transducer.



Methods of transducer state signalling.

- Diode signalling transmission turns on for 0.1 sec. after each correct, received frame.
- Diode signalling unit state sends pulse train every 4 sec., duration of each single pulse is 0.1 sec., time between beginnings of successive pulses is 0.5 sec.

Number of pulses	Sensor state
1 	Correct operation of transducer in the measurement mode
3 	Transducer is in the service mode
Diode continuously blinks	Measurement element is damaged

- Diode on
- Diode off