

LSPRO

Room Temperature Sensor

Manufactured by BAPI exclusively for Automated Logic Corporation



LSPRO

The LogiStat Pro (LSPRO), part of Automated Logic's native BACnet® system, is designed for use with S-Line (single-equipment application) and U-Line (unitary-equipment application) controllers. Using a precision 10K ohm thermistor for room temperature measurement, the LSPRO features an attractive, low-profile enclosure with a discrete communication jack that provides direct access to the controller network for maintenance. It also includes an easy-to-read LCD readout of room temperature, local setpoint adjustment, pushbutton override to an occupied mode and LED indication of current status.

The setpoint adjustment and override on the LSPRO offers local occupant control within boundaries established by the Building Automation System (BAS) operator. When the override button is pressed during an unoccupied mode, the zone reverts to occupied setpoint for a predetermined period of time. Subsequent presses of the override button increase the override time. Local setpoint override enables an occupant to increase or decrease the zone setpoint by a preset amount. Depressing either the increment or decrement button causes the display to change from the current room temperature to the active room setpoint adjustment – which can then be changed locally.

The LSPRO offers a simple test and balance procedure for commissioning pressure independent VAV terminal boxes. The LSPRO may be easily connected into the LogiStat Base (LSBASE) and LogiStat Plus (LSPLUS) room sensors via the built-in communication jack.

Key Features and Benefits

- Attractive, low-profile enclosure in a neutral color preferred by architects.
- LCD display of local room temperature, outside air temperature and setpoint adjustment.
- Precise 10K ohm thermistor with $\pm 0.36^{\circ}$ F (0.2° C) standard accuracy and less than 0.18° F (0.1° C) drift over a ten year span – requires no maintenance or re-calibration.
- Occupancy override is simple using the momentary pushbutton with LED status indication.
- Discrete communication jack that can be accessed without removing the cover.
- Simple test and balance procedure offered via display for pressure independent VAV terminal boxes.
- LogiStat room sensors can be interchanged without calibration.
- Mounts on a standard 2" by 4" electrical box for easy installation.

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AUTOMATED LOGIC
CORPORATION

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BAPI® Building
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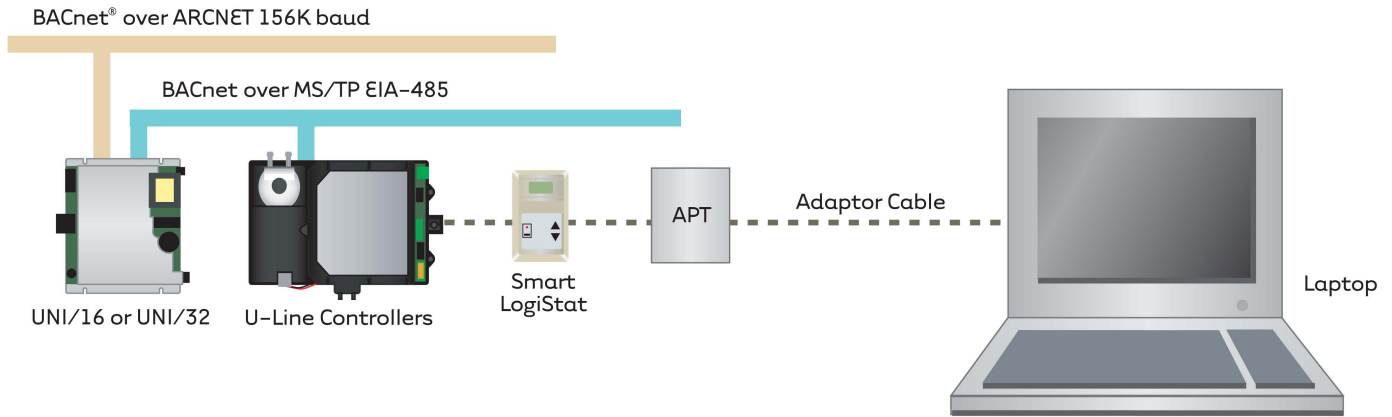
Manufactured by BAPI
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Specifications

A13

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Power:	Supplied by S-line or U-line Controllers.
Temperature Sensor:	Precision 10K-2 Thermistor. Standard accuracy $\pm 0.36^{\circ}\text{F}$ (0.2°C). Less than $\pm 0.18^{\circ}\text{F}$ (0.1°C) drift over a 10 year period.
Wiring:	Two pair twisted shielded cable - 22 AWG recommended
Communication Jack:	USB - female
Mounting:	Standard 2" by 4" electrical box using 6-32 by 1/2" mounting screws provided.
Overall Dimensions:	2.75" (width) by 4.5" (height) by 1" (depth) 69.9mm (width) by 114mm (height) by 25.4mm (depth)

