

# Visualization

# e-Clima



Temperature, humidity and pressure display



DC.621001-000

## Weather parameters under control

e-Clima is a device that provides temperature, relative humidity and pressure values supplied by different sensors located in a room. It includes an EN 14908 LonWorks® communication bus through which values supplied by the various remote sensors are received; these are in turn displayed on the screen for simple and intuitive reading. An analogue input is provided for direct connection of an NTC temperature sensor where a temperature sensor is not to be connected to the bus.

e-Clima allows the sequential display of sensor supplied temperature, humidity and pressure values. Two versions are available, one without local setpoint control and another with local control that allows temperature and relative humidity setpoint adjustment through a 4 button keypad, to have the values sent through the Lon network to a remote climate control device.

This unit is particularly suited for applications such as hospital operating rooms, clean rooms, laboratories, refrigeration chambers, cinemas, maintenance departments, etc.

Intuitive display

Easy and fast reading

Temperature, Humidity and Pressure

External sensors

Keypad for setpoint adjustment

LonWorks® network

# DATASHEET

## Display

- Temperature, Humidity and Pressure
- Sequential reading
- Adjustable display times
- Configurable display backlighting
- Configurable auto power on

## Remote Management

- Remote On/Off
- Keypad adjustable setpoints
- LonWorks<sup>®</sup> network based parameter transmission

## Integration

- ISO/IEC 14908 LonWorks<sup>®</sup> bus
- LonMark<sup>®</sup> compatible

## Installation

- Single display unit
- Optional external temperature sensor

## Features

- Supply Voltage 24Vac/24Vdc
- TP/FT-10 twisted pair
- ISO/IEC 14908 LonWorks network
- BTicino Light frame (different colors available)
- Independent external sensors
- External temperature sensor (optional)
- Temperature range:  
–199.9 to +199.9 (°C/°F) @ 0.1 °C/1 °C
- Humidity range: 0% to 99% @ 1%
- Pressure range: –99 to +99 Pa @ 1 Pa

## Product references

### DC.621000-000 – e-Clima



### DC.621001-000 e-Clima Setpoints



Patented product



LONMARK<sup>®</sup>



# e-Clima

## Inputs / Outputs Diagram

