

# HUMIDITY/TEMPERATURE MONITOR WITH ALARM AND DATALOGGER



SKU: 149672-EU



## TEKMATRIX HUMIDITY AND TEMPERATURE MONITOR

**TEKMATRIX - Wall-mounting humidity and temperature monitor**, equipped with LED display, sensor, alarm function, datalogger and Tekmanager software.

The large display returns humidity and temperature values very clearly. The **sensor** can be hooked directly to the display or positioned elsewhere (at a max. distance of 30 cm, due to the cable length).

An **acoustic alarm** warns when the preset humidity and temperature limit values (HIGH/LOW) are exceeded. Via the relay output it is possible to activate an emergency circuitry.

The internal **datalogger** samples humidity and temperature data to be transferred externally (via Ethernet or USB interface, depending on the version chosen) to the Tekmanager software installed on your computer.

Available versions (Interface): **Ethernet** or **USB**

Both versions comes with: Tekmanager software stored on a USB memory stick, Calibration certificate

Available on request (NOT included): ISO9000 traceable certificate (for Tekmatrix).

## Specifications

- Humidity: from 1% to 95% RH - Resolution: 0.1% RH - Accuracy:  $\pm 2\%$  RH
- Temperature: da -20 a +60 °C - Resolution: 0.1 °C - Accuracy:  $\pm 0.5$  °C
- Sampling frequency: Selectable between 1/5/10/15/30 seconds and 1/5/10/15/30 minutes
- Memory: 21600 samples (couple of RH and T values)
- Display visualization: Temperature and humidity values (fixed view), Temperature and humidity values / Date and hour (alternate views)
- Dimensions: 190 x 190 x 40 mm - Display: 190 x 190 mm
- Tekmanager software requirements: OS Windows.

## VARIATIONS

| SKU     | Description | Interface |
|---------|-------------|-----------|
| 149672E |             | Ethernet  |
| 149672U |             | USB       |