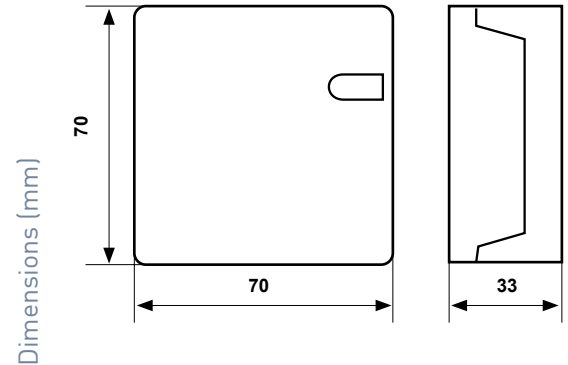


EC10

Ambient probe + set-point variation

Temperature probe suitable to optimize the temperature control of gyms, shopping malls and villas by introducing as parameter the ambient temperature.

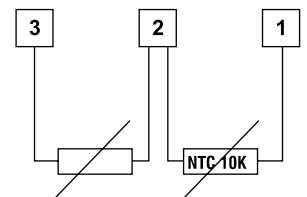


	Description	Suitable for	Operating admissible temperature °C	Protection degree
EC10	ambient probe	EV80 - EV80E - EV83 - EV85 - EV85E - EV87 EV84 (only set-point variation)	-10 ÷ 45	IP20 only

ELECTRICAL FEATURES

3-pole terminal board.

- Probe functioning: terminals 1-2 connection excludes the possibility of set-point variation ($\pm 3^\circ\text{C}$).
- Probe functioning with set-point variation: connect the terminals 1-3.
- Function of set-point correction: connect the terminals 2-3.



OPERATION

Possibility to choose the operation mode (set by means of the control unit):

- ambient probe;
- set-point variation ($\pm 3^\circ\text{C}$);
- ambient probe with set-point variation.

Its use is particularly indicated where it is possible to identify a local sample in which you want to achieve a high precision of the temperature control.

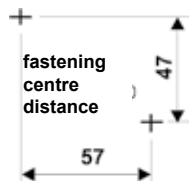
The sensing element consists from a linearized NTC thermistor. A potentiometer installed on the device is used to remotely change the set-point value set on the units compatible to EV series.

STANDARDS AND HOMOLOGATIONS

In conformity with EN 60730-2-9 standard.

INSTALLATION

Wall mounting.



FEATURES

Case in thermoplastic material.

Connection between the probe and control unit by means of two-wire cable with 1 mm² minimum section and maximum length of 1000 meters (for longer lengths increase cable section).

NTC thermistor heat-sensitive element.

Operating admissible temperature: -10 ÷ 45 °C.

Potentiometer for set-point variation: ± 3 °C.