

DB-CDP/D3

Setpoint remote controller and temperature transmitter



The DB-CDP/D3 allows the visualization of room temperature and is able to give two 0...10 Vdc output OUT1 and OUT2.

OUT1 gives the information of room temperature. The linear voltage signal is for the scale 5...30°C. 5°C corresponds to 0V and 30°C corresponds to 10V.

OUT2 gives the information of the setpoint set on the unit by a voltage level. 5°C corresponds to 0V and 30°C corresponds to 10V.

The setting of the setpoint is recorded in memory. If power supply is off and then is on the setting value are not changed.

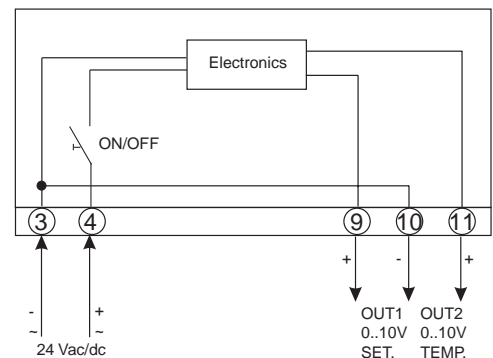
The unit is provided with a LCD display and keys +/- for temperature and parameters setting like the remote setpoint required.

In normal condition of use the temperature is visualized with a step of 0.1°C. When the unit is off, the output are set to 0 Vdc. When the unit is on the output are set according to the setpoint required and room temperature measured.

TECHNICAL FEATURES

- Power supply: 24 Vac/dc +/-10%
- Output: 2 output 0...10 Vdc (RL > 10 Kohm)
 - Out1: 0...10 Vdc for setpoint set (5°C=0V and 30°C=10V)
 - Out2: 0...10 Vdc for temperature information (5°C=0V and 30°C=10V)
- Power consumption: 1 W
- sensor: NTC 10K included on the unit
- setpoint: +5...+30°C
adjustment by step of 0.1°C
- Display: resolution 0.1°C
- Working temperature: 0...40°C with relative humidity 10..90% (non condensing)
- Storage: -20...+60°C
- Housing: self-extinguishing plastic white (RAL 9010) and gray colour
- Protection class: IP30
- Size: 144 x 82 x 27 mm
- Weight: approx. 180 gr

ELECTRICAL WIRINGS



The rear-side mounting hole separation is 110 mm, suitable for wall boxes type B-Ticino series 504E or similar.

