

OUTSIDE TEMP. & HUMI. TRANSMITTER

(GOTHO-1420 Pt100)



Description

"GOTHO" Outside Air temperature & Humidity Transmitter is intended for controlling Sensor by detecting relative humidity and temperature of outside air for ventilation and air-handling units. This unit can also be used an Interface detector used with display of sensing value or Auto control system of building.

Application

- Pulp/textile warehouse, greenhouse, computer room, R&D room, Hospital etc.
- Use measuring detector : In case of Optimistic function system.

Technical Data

- SUPPLY VOLTAGE : DC 15~30V
- OUTPUT SIGNAL : Temp. / Pt100Ω, Humi. / 4~20mA
- SENSING RANGE : Temp. /-35~+80℃, Hum. /0~100%RH
- SENSING ELEMENT : Pt100Ω/ Integrated Circuit
- TEMPERATURE CO EFFICIENT : 0.00385 OHMS
- SELF GENERATING CURRENT : below 2mA
- ACCURACY : at 25℃ Within ±0.03℃ at 10~90%RH, within ±3%RH
- WIRING : 5Wire
- SENSING Time : Approx. 20sec
- AMBIENTTEMPERATURE :
 - 1) On Operation: -35~+80℃
 - 2) On Transportation & Storage: -25~+65℃
- AMBIENT HUMIDITY :
 - 1) On Operation : below 95%RH

- PROTECTION CLASS : IP30(EN 60529)
- WEIGHT : 0.10Kg

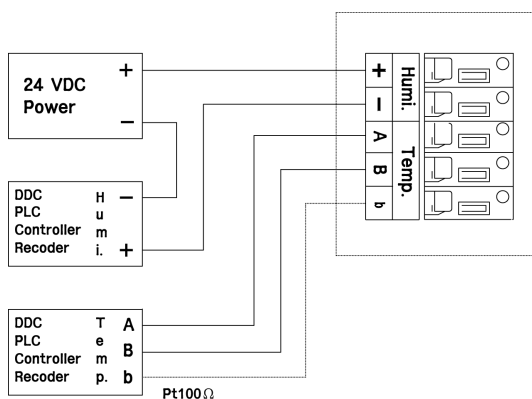
Notes

- Engineering :
 - 1) In case of control: Preferably install on the wall of building or house and keep away from direct light.

Mounting & Installation

- 1) Installation height: Preferably install in the middle of house, building or heating area, and to be installed at least 1.5 meter above from the floor.
- 2) Prohibited Location: Window, door; Ventilating hole, upper place of heat source, and veranda or beneath the eaves of roof.
- 3) To prevent any deeding errors from convection of warm air, cable wire tube of transmitter should be shielded and must not be painted.

Wiring Diagram



Dimension

