

GE-372 Humidity & Temperature Transmitter

Application:

GE-372 humidity and temperature transmitters are designed for environment monitoring and controlling in industrial and commercial buildings.

Features:

- * High performance digital sensors and circuits, ensure accurate measurement and temperature compensation
- * Good long term stability and reliability
- * 100% field changeable sensors, no re-calibration needed
- * Fast response
- * Multiple output signals selectable
- * Industrial design, SS probe and selectable filter
- * High protection rate up to IP65

Type:

- GE-372-TH-01** Duct mount temp./RH transmitter
GE-372-TH-02 Outside air temp./RH transmitter
GE-373-TH-03 Separate temp./RH transmitter



GE-372-TH-01



GE-372-TH-02



GE-372-TH-02



200mm

Specifications:

Relative Humidity:

- * Sensor: Capacitance polymer
- * Range: 0~100%RH
- * Output: 4~20mA /0~10VDC/RS485
- * Accuracy: 2%, 3% and 4.5%RH(25°C, 20~80%RH)
- * Hysteresis: < $\pm 1\%$ RH
- * Response time: < 10s (25 C, in slowly flow air)
- * Drift: < $\pm 0.5\%$ RH/year

Temperature:

Sensor: Solid state band gap, RTD or thermistors
 Range: 0~50°C; 0-100C; -40~60C for transmitter
 Output: 4~20mA/0~10V/RS485, RTD or thermistors
 Accuracy: < ± 0.5 C @ 25 C

Electronic:

Power: Voltage 15~35VAC/DC, current 7.5-36VDC

Output Load: <500Ω (current), >2KΩ (voltage)

Temperature Limit: -40~85°C, 0~95%RH (Non condensing)

Storage Temperature: -40~80°C

Housing: ABS Enclosure, SS probe, SS sintered or mesh filter

Protection: IP65

Option:

RH Accuracy: ±2%RH, ±3%RH; ±4.5%RH

RH Output: 0-10VDC; 4-20mA; RS485, Modbus

Temperature Range: 0-50C; 0-100C; -40-60C;

Temperature Output: ① 0-10VDC 4-20mA; ② PT1000, ±0.2°C@25°C; ③ PT100, ±0.2°C@25°C;

④ NTC20K, ±0.2°C@25°C; ⑤ Ni 1000, ±0.4°C@25°C; ⑥ NTC10K, ±0.2°C@25°C

⑦ RS485, Modbus