

ECONOMICAL TEMPERATURE TRANSMITTER

Applications & Features :

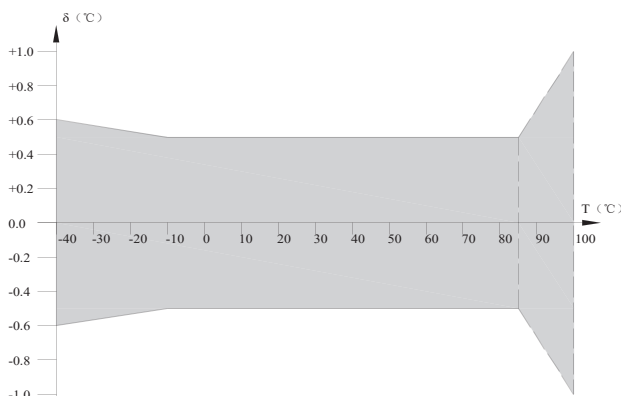
- These transmitters/controllers can be used for temperature monitoring & controlling in outside air
- High performance digital temperature sensor and digital technology applied, ensure accurate measurement fast response and good long term stability
- Multiple outputs selection, over voltage and reverse polarity protection, high reliability and anti-interference capability
- Optional relay for alarm or ON/OFF control
- Wide working temperature range
- MMI can set parameters and calibrate output, so that the product becomes a stand alone controller
- High protection rate up to IP65



Specifications :

Sensor	: Digital temperature sensor
Range	: see models
Output	: 4~20mA (3 wires) / 0~10VDC, RS485/ Modbus
Storage Temperature	: -40~85°C
Relay	: 1xSPDT, 1A/30VDC, 0.5A /125VAC
Accuracy	: $\pm 0.5^{\circ}\text{C}$ @ -10~85°C
Power	: 15~28VAC/15~36VDC
Work Temp.	: -40~85°C, 0~95%RH (Non condensing)
Storage Temperature	: -40~85°C Housing: ABS, SS probe, SS well
Protection	: IP65
Approval	: CE
Optional Accuracy	: 0.25°C @ -20 ~105°C (Add "H" after part number)

Accuracy Curve:



Analog error: $\pm 0.1\%$ FS, the biggest error after calibrated at 25 °C Analog output
 thermal effect: $\pm 0.007\%$ FS/°C Models

