

Applications & Features :

- These transmitters/controllers can be used for temperature monitoring & controlling in duct air (TTD2), water and steam pipe (TTD4) or outside air (TTD3)
- 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: 1 SPDT, 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

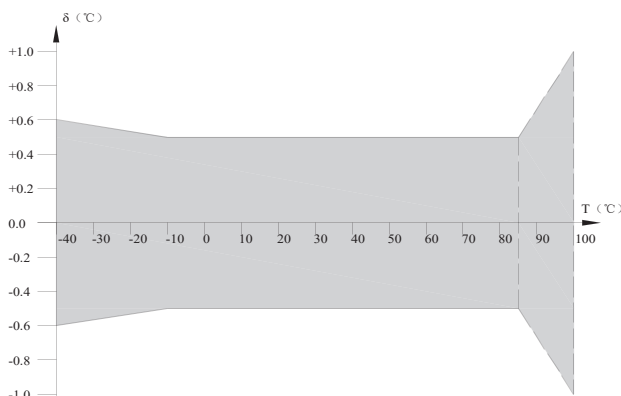
Protection: IP65

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

MODEL:

Model	TTD2 TTD3 TTD4					Duct mount digital temp. transmitter Outside air digital temp. transmitter Immersion digital temp. transmitter
Outputs		1 B				4-20mA/0 -10VDC 4-20mA/0 -10VDC, RS485/Modbus
Range (Note1)			1 2 3 7			-10~50°C -10~90°C -40~60°C Others
Relay (Note2)				0 1		No 1*SPDT
Well Length (TTD2/4)					1 2 7	125mm 200mm Others
Enclosure						- Polycarbonate Weatherproof Enclosure 1 Polycarbonate Weatherproof Enclosure IP65 0-Exd Explosionproof Enclosure for Class IIA / IIB

