

4-20MA TEMPERATURE AND HUMIDITY TRANSMITTER



TZ-THT03C



TZ-THT03C temperature and humidity transmitter is developed based on 4-20mA current output. It adopts SHT30 sensor and 4-20mA current output mode, which makes TZ-THT03C have the characteristics of strong anti-interference ability, high precision and high stability.

APPLICATIONS:



Fresh Refrigeration



Research & Education



Agriculture



Communication Field



Energy Power

FEATURES:



High sensitivity



Steady Signal



Anti-Interference

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4-20MA TEMPERATURE AND HUMIDITY TRANSMITTER



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|------------------------|--------------------------|-----------------------------|---|
| | | | |
| DIGITAL DISPLAY | HIGH SENSITIVITY | ACCURATE MEASUREMENT | STEADY SIGNAL |
| | | | |
| IP54 | SUPPORT TECHNICAL | ANTI-INTERFERENCE | CAN WORK IN CONDENSING ENVIRONMENT |

THT-03C

| | |
|-------------------------------|---|
| Temperature Measurement Range | -40°C ~125°C |
| Temperature Accuracy | ±0.2°C |
| Humidity Measurement Range | 0%RH ~100%RH |
| Humidity Accuracy | ±2%RH |
| Dimension | 109mm*67mm*40mm |
| Weight(s) | 140g |
| Working Environment | -40°C ~85°C / 0%RH -100%RH (non-condensing) |
| Electrical Interface | VCC: positive terminal of power supply GND: common terminal between negative pole of power supply and negative pole of output signal Temp: temperature, output signal positive Humi: humidity, output signal positiv |
| Power Supply | DC 12~30V |
| Output | 4-20mA, 3- wire |
| Display screen | Temperature and humidity display are accurate to one decimal place |
| Protection Grade | IP54 |

FEATURE

1. Low power consumption
2. Fully calibrated
3. High precision and good consistency
4. Long-term stability, low drift
5. Humidity full range temperature compensation
6. Strong interface defense capability and stable communication



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