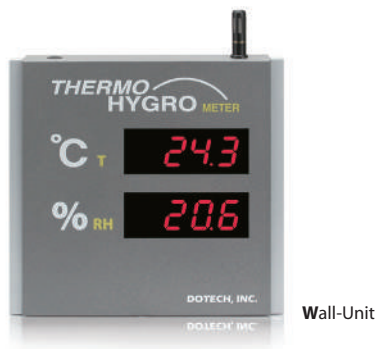


HTD500C series Ultra-Precise Indoor Type Temperature & Humidity Transmitter

HUMITRON® HTD500 series is an ultra-precise temperature & humidity transmitter for environmental measuring which integrates micro processor with a digital sensor based on MEMS technology. It makes precise control and efficient observation possible by transmitting measured temperature and humidity information to analogue output, control & observation system through RS485 communication function in real-time. Also, it supplies users excellent attention even at wide place by applying for a big sized FND module.



Wall-Unit

Features

- Digital sensor applied for MEMS technology
- Embedded RS485 communication port based on MODBUS RTU/ASCII
- Excellent long-term stability and self-digital correction
- Quick counteraction speed (within 4 sec.)
- Slim size – 310(L) x 280(H) x 45(D) (mm)

Applications

- Clean room / Measuring center / Inspection room
- Food company / Pharmaceutical company R&D center, Process control
- Computer room / Storage monitoring system
- Storage for foods, medicines, cereals, woods and electronic devices

Technical data & Model

Range : 5~95%RH / -10~60°C

Accuracy – **HTD520** : ±1.8%RH / ±0.3°C – **HTD520** : ±3.0%RH / ±0.5°C

Output : 4~20mA, RS485 communication (MODBUS RTU/ASCII)

Power input : 24VDC (Free adaptor supplied)

HTD530 – 00 : Display only

HTX530 – 11 : Humidity (4~20mA), Temperature (4~20mA), RS485 communication

HTD520 – 00 : Display only

HTX520 – 11 : Humidity (4~20mA), Temperature (4~20mA), RS485 communication



Remote Probe-Unit