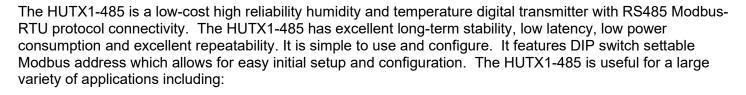


HUTX1-485 Humidity and Temperature Sensor with RS485 Modbus Communications

- Fully Calibrated
- High Precision and Repeatability
- Long-term Stability, Low Drift
- Humidity Full Range Temperature Compensation
- RS485 Modbus-RTU Protocol Communication
- Low Power Consumption



- HVAC
- Building automation
- Laboratory, hospital, library, museum Temperature and Humidity Monitoring
- Storage and production facilities in the pharmaceutical, paper, food and electronics industries

PART NUMBER	DESCRIPTION
HUTX1-485	Humidity and Temperature Sensor with RS485 Modbus Communications

SPECIFICATIONS

Temperature Measurement

Range: -40 to 85°C
Resolution: 0.1°C
Accuracy: ±0.2°C
Humidity Measurement
Range: 0 to 95%RH
Resolution: 0.1%RH
Accuracy: ±2%RH
Hysteresis: < ±0.8%RH

Response Time: About 8s (from 33%RH to 75%RH, in flowing air) **Long-term Stability:** <±0.25%RH/year (without contamination)

General

Power: 5Vdc to 24Vdc, 5mA current draw

RS-485 interface Baud Rate: 9600(default), 4800, 19200

Transmission Distance: ~1200 meters depending on the operating environment

Address Selection: Via internal dip switch

Size: 140 mm(5.5 in.) length, 16 mm(0.63 in.) diameter

Cable Length: 1 meter(39.4 in.)

Website: IOthrifty.com | Email: service@iothrifty.com | Telephone: 1-860-733-1117