



NT-DRS

- **Remote Digital Temperature Probe**
- **8" stainless steel duct probe with a wiring junction box**
- **Works with the following NetX Thermostats: UP32, X7, and X5**
- **Assignable to AUX 1, 2, 3 or Outdoor Input**
- **Simple 3-Wire Daisy Chain Connection**

GENERAL DESCRIPTION:

Compatible with NetX Sensor Thermostats

The Network Thermostat NT-DRS is Digital 3-Wire Remote Sensor Probe designed to be used in ductwork or in spaces where the electronics must be stored outside the area, such as Supply Air, Return Air, Walk-In Freezers, Refrigerated Display Cases, Outside Air Plenums, and other applications. The NT-DRS can be incorporated into the NetX remote sensor bus in the AUX1, AUX2, AUX3 or Outdoor position. The NT-DRS is compatible with NetX UP32, and the new X-Series (X7 & X5) thermostats.

STANDARD FEATURES:

- Contains an 8" stainless steel duct probe with a wiring junction box
- All input/output/power on easy access screwless terminals
- Email & Text Message Alerting for up to 4 Recipients*
- High/Low Temperatures Alerts*
- Simple 3-Wire Communications Bus
- Up to 300ft (90m) of Cabling Can Be Used

*UP32 and X-Series Thermostats



SPECIFICATIONS:

Rated Voltage:	20V to 30VAC, 24VAC nominal
Temperature Sensor Range:	-40 to +200°F (-40 to +48°C)
Measurement Accuracy:	+/- 1°F (0.5°C)
Humidity Measurement Range:	5% to 95% Relative Humidity, Non-condensing
Terminations:	Terminations: RS1 - Data, RS+V – Power, RS2 – Return, 1 & 2 Simple 3-Wire Communications Bus (using standard CAT5 cable, 1-pair shielded with drain with nominal capacitance of 12pF/ft or less) Maximum 300ft Total Sensor Cable Length per Thermostat
Approved Cable Types:	CAT5, CAT5e, or 1-Pair Twisted Shielded Cable with Drain and nominal capacitance of 12pF/ft or better. Use riser or plenum jacket as required by local code.

WIRING DIAGRAMS:

NT DRS Wiring Instructions

- NT-DRS can be integrated into the remote sensor bus in the AUX 1, AUX 2, AUX 3, or Outdoor positions (See Diagram Below)
- NT-DRS Sensors can be placed in any order in the daisy-chain, except for multiple INDOOR sensors
- Maximum 300 ft (90m) total sensor cable length

