



RELATIVE HUMIDITY & TEMPERATURE PROBE

HTP-1



OVERVIEW

The ASHE HTP-1 is a micro-controller based Relative Humidity and Temperature Probe to be used in conjunction with the AH-74, AT-74 and AHT-74 Indicator Controllers. The probe is a compact self-contained unit which accurately senses the ambient temperature and relative humidity. The data is transferred to the Indicator Controllers on RS485 digital signal to eliminate loss of data during transmission.

The Probe may be positioned in a suitable location of the chamber and plugged into the Controller located nearby. A Cable of 2 metre standard length is provided with each Probe. Customized lengths can be offered. Power supply to the cable is provided by the host Controller.

The HTP-1 Probe is precision calibrated for relative humidity and temperature. Other features include it's inherent accuracy and immunity to shocks and ambient dust. Further, the instrument is manufactured using selected high-grade components which guarantee it's functionality and long operational life.

All ASHE range of instruments carry a lifetime warranty for design and workmanship.

SPECIFICATIONS

Model	ASHE HTP-1
Type	Microcontroller based digital RH & Temperature Probe.
Calibration	000.0 to 100.0% RH. -50 to +100 deg C Temperature.
Response time	< 200 mS
Linearity	0.1% of span.
Calibration	Factory calibrated.
Memory	Non-volatile.
Dimensions	120 mm length
Power Supply	Provided by the host Controller.
Execution	Field mounting.
Enclosure	Industrial grade ABS.
Weight	Approximately 0.2 Kgs.

FEATURES

- Microcontroller based design.
- Accurate RH+T sensing & transmission
- High accuracy and linearity
- Connection to multi-point Indicator Controller
- Negligible power consumption and heat dissipation
- Rugged, industrial grade ABS enclosure
- High Noise immunity.
- Panel / Field installation
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship