ASHE CONTROLS PVT LTD
an ISO 9001:2015 certified company

HTR-92

HTR-Series RH & Temperature Indicator Transmitter



RoHS Compliant

MAKE IN INDIA

Overview

The ASHE HTR-92 is a micro-controller based instrument for the measurement and retransmission of Relative Humidity and Temperature, offered in a compact and portable execution.

The HTR-92 uses a precision RH+T Sensor and is factory calibrated for accurate display of ambient temperature and relative humidity. The instrument provides two analog retransmission signals of 4-20 mA DC proportional to the measured Relative Humidity and Temperature for process control or logging purposes.

The instrument operates on 230 VAC and is offered in a rugged polycarbonate enclosure in DIN Rail execution. The bright OLED display provides clear indications of the relative Humidity and Temperature values.

The HTR-92 is therefore an ideal instrument for the local measurement of Relative Humidity and Temperature for retransmission of the signals to remote Indicators and Control Systems. Other features include it's inherent accuracy and immunity to shocks, dust and ambient temperature variations. It is available in a compact execution and can be easily DIN Rail mounted at a strategic location. Further, the instrument is manufactured using selected high-grade components which guarantee it's functionality and long operational life.

This product is backed by a full two-year warranty, covering all manufacturing defects and workmanship issues under normal operating conditions.

Specifications

Model	ASHE HTR-92.
Type	Micro-Controller based, Relative Humidity & Temperature Monitor with signal retransmission and data communication.
Sensor	Precision digital Sensor.
Displays	Dual-line OLED Alphanumeric Display.
Sensor Scale Range	-40 to +125°C (Temperature) 0 to 100.0 % (Relative Humidity).
Indications	Bright OLED Display with 8-character x 2-line indication of process parameters and system configuration.
Accuracy	±2% RH, ± 0.6°C
Resolution	0.4% RH, 0.2°C
Analog Output	Two 4 to 20 mA DC retransmission signals - one for each parameter.
Load Capacity	600 Ohms each.
Communication Port	RS485 on Modbus RTU
Power Supply	230 VAC, 50 Hz.
Enclosure	Industrial–Grade Polycarbonate.
Execution	DIN Rail mounting.
Dimensions	68 x 75 x 50 mm (W x H X D)
Weight	Approx 120 gm.
Operating temp	0 to 55°C

Features

- Microcontroller based design
- Precision RH+T ChipCap Sensor
- High Accuracy and Resolution
- Bright OLED Display for both parameters
- Accurate Signal retransmission
- Low power consumption and heat dissipation.
- Fully configurable
- Rugged and compact polycarbonate enclosure
- High Noise immunity
- Factory calibrated precision Sensor
- DIN Rail mounting execution
- Two-year Performance Warranty
- Proven track record of successful site installations