

RELATIVE HUMIDITY TRANSMITTER

Endee Model RHT 98 Relative Humidity Transmitter are Precision instrument designed for monitoring Relative Humidity or Moisture in rugged industrial application and environment.



RHT 98

SPECIAL FEATURES

- Direct Digital Relative Humidity Readout.
- 0-100% RH Range.
- Highly Sensitive & Accurate.
- Long Life CMOS IC Sensor.
- Maintenance Free Washable Sensor.
- One Point Field Calibration.
- Optimised Over the -40 deg.C to +80 deg.C.
- No Separate Temp. Monitoring Required.
- Integral or Remote Mounting Probe.

APPLICATIONS

- Storage
- Computer Rooms
- Environmental Chambers
- Power Plants
- Clean Rooms
- Energy Management
- Pharmaceutical Plants
- Compressed Air Monitoring
- Process Control
- Industrial Process
- Air & Gas Dryers
- Paper & Textiles Mills

DESCRIPTION

Endee Relative Humidity Controllers are designed for monitoring Relative Humidity in rugged industrial use. They employ advanced digital technology to provide reliable and highly accurate Relative Humidity Measurement with excellent repeatability & linearity range of 0-100% Humidity is optimised over the temperature range of -40deg.C to +80deg.C as such separate temperature measurement is not required.

The well proven Capacitive CMOS IC Sensor offer exceptional resistance to common contaminants like organic vapours. They are washable, don't require clean environment or a constant supply of moisture or frequent servicing.

Incorporating the state of the art design and latest sensing principle these transmitters provide a quick payback through significant reduction in maintenance costs and providing accuracies that direct contribute to the quality of the product.

SPECIFICATIONS

Range	:	0-100% RH.
Minimum Resolution	:	0.1%
Indication	:	Digital
Sensor	:	CMOS IC Capacitive Sensor
Sensor Protection	:	Teflon Filter or Sintered Metallic Filter optional
Calibration	:	Single Point Field Calibration
Accuracy	:	<±0.2% of range span
Operating Temp. (Optimised)	:	-40deg.C to +85deg.C
Storage Temp.	:	0-50 deg.C
Temp. Compensation	:	Optimised for operating temp. measurement
Repeatability	:	±0.5%
Hysteresis	:	±1%
Power	:	2-Wire, 24V Loop Powered (DC)
Housing	:	Ex-proof
Dimension	:	120 X 120 X 100 X (D) in mm
Mounting	:	Wall
Response Time	:	Less than 10Sec. for 70% step Change
Output	:	NO/NC Contacts
Calibration Adjustment	:	Zero & Span
Power Consumption	:	0.5 W
Ordering Information	:	Model : I - Integral Sensor R- Remote Sensor

Due to Endee's commitment to research, design and product improvement, specifications are subject to change without notice.



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