

HYGROTEC-HVAC Relative Humidity Transmitter for HVAC Applications

HYGROTEC is a cost effective family of quality instruments designed for Relative Humidity measurements. The HYGROTEC series use the latest high technology design and construction methods, ensuring reliable measurements under demanding conditions. HYGROTEC's relative humidity probes use the bulk resistive polymer sensor technology.

HYGROTEC-HVAC room Relative Humidity 2-wire transmitter converts the sensors' output into a loop - powered 4-20mA signal which is linearly proportional to the RH in the air. The transmitter is housed in an attractively styled slim-line enclosure suitable for mounting in a great variety of indoor installation.



Actual size

SPECIFICATIONS:

Sensing method.....	Bulk resistive polymer
Range.....	15 to 95%
Linearity.....	+/-3%RH within range, +/-5% outside range
Operating temperature.....	0 to 70°C
Response time.....	~20 sec. for 90% of linear value
Calibration.....	2 Potentiometers, ZERO, SPAN
Housing.....	31mm x 119mm x 20mm
Color.....	Beige
Weight.....	100 gr
Supply.....	2 Wire systems, 8 to 40 Volt DC
Output Signals.....	Loop powered, 4-20mA, 15%RH=6.4mA, 95%RH=19.2mA
Electrical Connection.....	Screw Terminals
Wall mounting.....	2 Screws, diam 3mm
Sensor washability.....	Distilled water

Applications :

- Clean rooms
- Storage areas
- Climate control
- Museums
- Computer rooms
- Hospitals

ORDERING INFORMATION HYGROTEC-HVAC



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