

Industrial Relative Humidity Probe HYGROTEC-81

HYGROTEC-81 provides for relative humidity measurement in a ruggedized industrial probe. The integral electronics circuitry is housed in a sealed splash-proof enclosure to provide extra protection in industrial environments.



SPECIFICATIONS:

Sensing method.....	Bulk resistive polymers
Range.....	15 to 95%
Adjustments.....	2 Potentiometer, SPAN, ZERO
Supply.....	2 Wire systems, 8 to 40 Volt DC
Output Signals.....	4-20 mA for 0-100%, 15% RH=6.4 mA, 95% RH=19.2 mA
Accuracy.....	+/-3% RH within range, +/-5% outside range
Operating temperature.....	0 to 60 deg.C
Electrical Connection.....	1m cable, 2 wire. Option: 3 wire
Response time.....	~20 sec. for 90% of linear value
Housing.....	Tubular, Dia: 25mm, Length: 165mm
Weight.....	100 gr
Mounting.....	Brackets
Sensor washability.....	Distilled water
OPTION 81	
Temperature measurement, range.	0-80 °C
Sensor type.....	Pt-100
Signal output.....	Loop powered, 4-20 mA

Application Areas:

- Clean rooms
- Computer rooms
- Process areas
- Printing shops
- Storage areas
- Climate chambers
- Botanical
- Cold stores
- Greenhouses
- Mushroom growers
- Photo industry

ORDERING INFORMATION

HYGRO-81 - TEMP

Model

Option



MESCON
Technologies, Inc.

9502 Gulfstream Road • Suite A • Frankfort, IL. 60423 • Telephone: 815-464-5004 • Fax: 815-464-5003
E-Mail Address: mescon@mescontec.com • Web Site: www.mescontec.com