



HUMITHERM842 series

Feature & Application:

- Full range temperature compensated!
- Good price, Fast delivery!
- 4-20mA output, 2 wire!
- Light weight, easy installation!
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- Fast, Stable & accurate
- IP-65- Water tight enclosure
- Excellent long term stability
- 100 % dip able in water

Typical Areas of Application

- Incubators, Oven
- Textile Industries
- Storage Area
- Food Processing Industries
- Fruit/vegetable storage

Humitherm:- 842XTHX
Temperature /Humidity Transmitter



THX-842 series is temperature compensated humidity transmitter/sensor has been designed to meet the demand High Temperature Humidity Monitoring of energy-care, environmental protection, 842 Series uses a one of the best capacitive polymer Discharged MK33-W (1m) to sense Relative Humidity & This is one of the most stable sensor available. The Output signal is 4-20Ma requiring a current loop supply of 8-12 Vdc.

Technical Specifications	
Measuring Range	0 To 100 % RH
	-40 TO 190 Deg C
Accuracy @ 25 Deg C	+/- 3 % RH Between 15.....85% r.H,@23 Deg C,
Electronics Operating Temp	-25 to 85 Deg C
Response	<4 Sec
Long Term Stability	Better Than 1 % RH per Year
Output	4-20mA, other outputs on request (0-5Vdc.)
Load Resistance	RL<500Ω
Supply Voltage	8 to 12 Vdc
Housing of Electronics	ABS Plastic water tight enclosure
Protection	IP-65
Weight of case	Approx 200gms
Case of Electronics	ABS
Electrical connection	wired leads with 1 Mtr Cable
Housing of Sensor	SS Tube with Sintered Bronze Filter
Cable Between Basic Sensor & Electronics:	1mtr PTFE- Cable
Special:-	Sensors Contacted By bonding process of PCB