



HUMIDITY TRANSMITTER (4 to 20 mA)

Model : HA-704

APPLICATIONS		
* Humidity controller.	* Humidity recorder.	* Humidity datalogger.
* Humidity indicator.		

SPECIFICATIONS	
Range	10 % RH to 95 % RH. * RH : Relative Humidity
Output	4 - 20 mA
	0 % RH = 4 mA 75 % RH = 16 mA
	22.5 % RH = 7.6 mA 100 % RH = 20 mA
Output Wires	4 wires : 2 wires for power supply, 2 wires for signal output.
Power	DC 7 V to 15 V.
Sensor	High precision thin-film capacitance sensor.
Sensor Probe	Separate probe.
Accuracy(23 ± 5 °C) (after calibration)	≥ 70% R.H. - ± (3% reading + 1% R.H.). < 70% R.H. - ± 3 % R.H. * <i>Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.</i>
Power Current	No load : Approx. DC 6 mA.
Operating Temperature	Main instrument : 0 °C to 50 °C (32 °F to 122 °F). Humidity Probe : 0 °C to 60 °C (32 °F to 140 °F).
Operating Humidity	Main instrument : Less than 80 % R.H. Humidity Probe : Less than 95 % R.H.
Weight	150 g/0.33 LB.
Probe Cable Length	1 meter/ 3.3 ft.
Dimension	Main instrument : 100 x 50 x 25 mm (3.9x2.0x1.0 inch). Humidity probe : Round 26 mm Dia. x 160 mm.
Accessory Included	Operation Manual.....1 PC.

OUTPUT WIRES	
Red - POWER (+)	Blue - mA SIGNAL OUTPUT (+)
Black - POWER (-)	Green - mA SIGNAL OUTPUT (-)

RH CALIBRATION STANDARD, OPTIONAL	
33 % RH CALIBRATION STANDARD,	Model, RHA-33
75 % RH CALIBRATION STANDARD,	Model, RHA-75