

10 to 95 %RH, 1 DC mV per 1 %RH
HUMIDITY ADAPTER

Model : HA-702

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

HUMIDITY ADAPTER

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APPLICATIONS	
* Connect the humidity adapter to the Digital Multimeter (set to DC 200 mV range) can be used a precision Humidity Meter.	
* Humidity recorder, data logger.	

SPECIFICATIONS	
Range	10 % RH to 95 % RH.
Resolution	0.1 % RH.
Output	0 to 100 mV (1 mV per 1 % RH).
Sensor	High precision thin-film capacitance sensor.
Sensor Probe	Separate probe.
Accuracy(23.5 °C) (after calibration)	$\geq 70\%$ R.H. - $\pm 3\%$ reading + 1% R.H. < 70% R.H. - $\pm \%$ R.H.
Power Supply	DC 9 V battery (006P, 6F22).
Power Current	Approx. DC 6 mA.
Operating Temperature	<i>Main instrument :</i> 0 °C to 50 °C (32 °F to 140 °F).
	<i>Humidity Probe :</i> 0 °C to 60 °C (32 °F to 122 °F).
Operating Humidity	<i>Main instrument :</i> Less than 90 % R.H.
	<i>Humidity Probe :</i> Less than 95 % R.H.
Weight	150 g/0.33 LB (including battery).
Probe Cable Length	1 meter.
Dimension	<i>Main instrument :</i> 100 x 50 x 25 mm (3.9x2.0x1.0 inch).
	<i>Humidity probe :</i> Round 26 mm Dia. x 160 mm.
Acc. Included	Operation Manual..... 1 PC.

MEASURING PROCEDURE	
1) Connect the " Out Plug (+) " to the volts input terminal and " Out Plug (-) " to com(Lo) input terminal of the voltmeter or MULTIMETER. Select the meter's range to 200 mV (Attention : Do not use auto ranging).	
2) "Hold the " Sensor Probe ", move the " Sensor " Head " slowly towards to the position under the measurement.	
3) Then the display of DMM will show the humidity values (%RH) directly.	