



### New Artisan™ Digital Thermo-hygrometer

This economical Artisan™ RH / temperature transmitter provides continuous RH and temperature monitoring for a very attractive price. Mount the transmitter on a wall, in a duct or fume hood. The transmitter provides a dual channel analog output (0 to 1 Vdc) that can be easily adapted to your PC, data logger or chart recorder. The electronics are designed to withstand high temperatures up to 65°C (149°F).

The rugged capacitance polymer sensor will provide years of stable readings. Typical response time of 120 seconds. Vdc power required for transmitter operation. Periodic re-calibration is easy with calibration kits. ABS housing. One year warranty.

**Compact Size!**  
**Low-Priced!**



Artisan™  
RH100  
RH/Temp  
Transmitter

### SPECIFICATIONS

	RH	Temp
Measurement Range:	5 to 95%	32 to 149°F (0 to 65°C)
Resolution:	0.1%	0.1°C or °F
Accuracy:	±3% @ cal temp.	±0.6°C (±1°F)
Output Voltage: (relative humidity)	10 mV / % RH; 0 to 1 Vdc	
(temperature)	10 mV / °F; 0 to 1V	
Output load:	100 kOhm typ.	
Sensor:	Capacitance polymer	
Response time:	120 seconds typical	
Operating Temp.:	32 to 149°F(0 to 65°C)	
Operating Humidity:	5 to 95% RH, non-condensing	
Storage Temp.:	-4 to 149°F (-20 to 65°C)	
Power:	6 to 16Vdc	
Dimensions: (L x W x D)	98 x 68 x 35 mm (meter only) (3.9 x 2.7 x 1.4 in.)	
(cable length)	1 m	
Weight (meter):	115 g (4 oz)	
Shipping Wt:	0.45 kg (1 lb)	

### SPECIAL FEATURES

- Transmits both relative humidity and temperature*
- Dual analog output*
- Easy to setup!*
- Easy self-calibration*
- Capacitance polymer sensor*
- Rugged ABS housing*

### APPLICATIONS

- HVAC Monitoring*
- Clean Rooms & Laboratories*
- Computer Rooms*
- Office Environment*
- Greenhouses*
- Wood/Paper Manufacturing*

### RH100 Ordering Information

Part No.	Description
RH100.001	RH100 Transmitter.
RH1000.902	Calibration Kit, 33% RH.
RH1000.903	Calibration Kit, 75% RH.