

1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as $\pm$ (% reading) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, with $<80\%\text{HR}$

TEMPERATURE

Range	Accuracy	Response time (90%)
$-20 \div 60^{\circ}\text{C}$	$\pm 0.7^{\circ}\text{C}$	30s at 25°C (77°F) slowly moving the probe on air
$-4 \div 140^{\circ}\text{F}$	$\pm 1.4^{\circ}\text{F}$	

RELATIVE HUMIDITY

Range	Accuracy	Response time (90%)
$0 \div 100\%\text{HR}$	$\pm(3\%\text{rdg})$ at 25°C	15s at 25°C (77°F) slowly moving the probe on air

Input impedance: $10\text{M}\Omega$ // less to 100pF

OUTPUT SIGNAL

Parameter	Signal
Relative Humidity ($1\% \div 100\%\text{RH}$)	1mVDC per %UR (output impedance about 100Ω)
Temperature	1mVDC per $^{\circ}\text{C}/^{\circ}\text{F}$ (output impedance about $1\text{k}\Omega$)

- Input impedance digital multimeter: $1\text{M}\Omega$ (100mV minimum range)

2. GENERAL SPECIFICATIONS

Measure probes:

- Humidity: polymer capacitive
- Temperature: semiconductor
- Output connector: Conney-Hypertac type

Mechanical characteristics:

- Sizes: $255(\text{L}) \times 38(\text{W}) \times 27(\text{D})$ mm
- Cable length: 2m
- Diameter probe: 15mm
- Weight (included battery): about 175g

Supply:

- 9V alkaline battery NEDA1604, JIS006P, IEC6F22 type
- Battery life: about 180 hours
- Low battery indication.

Working temperature:

- -20°C to 60°C (-4 to 140°F), 0 - 80 % R.H.

Storage temperature:

- -10°C to 60°C , 0 - 80 % R.H.
- Altitude max: 2000m