

NG-TH169

Room Temperature and Humidity 169MHz radio sensor



- > NG-TH169 uses radio broadcast to transmit measurements to the NG-W169 receivers, equipped with RS485 RTU Modbus.
- > Batteries' lifespan up to 5 years with 300 daily sendings.
- > LCD display for real time data visualisation.
- > Low battery warning, 30 days in advance.

Measurement accuracy

Temperature range from -10°C to +65°C; with $\pm 0.2^\circ\text{C}$ tolerance guaranteed. As per relative Humidity, the range is from 0% to 100% with an output tolerance of $\pm 2\%$ within the 10% - 90% range.

- > No wires or cable
- > 1 km transmission extension in open field with line of sight
- > AA type batteries for over 5 years' long batteries lifespan
- > High measurement accuracy
- > Real time data visualisation
- > Modern and understated design, suitable for any environment

Applications

Being extremely precise, reliable and convenient, NG-TH169 is specifically designed to be used in many different situations (i.e. Office, Data Centres, warehouses, etc.). The sensor is set for wall fitting.

General	
Power supply	3 Vdc, 2 x 1.5Vdc Alkaline, 1200 mAh
Consumption	100 μW / 30 μA
Measured Temperature range	-10°C ÷ +65 °C
Accuracy	$\pm 0,2^\circ\text{C}$
Measured Humidity range	0% a 100%
Accuracy	$\pm 2\%$
Weight	60 gr
Dimensions	110x76x29 mm
Protection grade	IP20
Box type	ABS
Radio	169 MHz
Power	+15 dBm