

## NLB-RH+T-IQRF | Combined RH/T battery sensor with IQRF

Sensor is used to monitor air quality inside buildings and control ventilation (HVAC) systems according to current levels of air internal air quality. The sensor measures relative humidity (RH) and temperature (T). It is suitable for homes, bathrooms, warehouses, ateliers, etc.

- > measures RH and temperature
- > communication over IQRF network
- > maintenance during operation is not required

Measurement of the relative humidity is based on the principle of capacitive polymer sensor. RH and temperature outputs are available via IQRF communication. Sensor can efficiently manage ventilation and heat recovery units, based on current air quality. The current battery state can easily be determined by looking at the LED indicator.



Parameter	Value	Unit
Supply voltage	2xAA	
Battery life	24	months
RH measuring range	0 – 100 %	RH
RH accuracy 20 – 80 %	± 3 %	RH
RH accuracy 0 – 100 %	± 6 %	RH
T measuring range	0 – 50	°C
T accuracy	± 0,4	°C
Working humidity non condensing	0 – 95 %	RH
Working temperature	0 to +50	°C
Storage temperature	-20 to +60	°C
Expected lifetime	min. 10	years
Ingress protection	IP20	
Dimensions	90x80x31	mm
Communication period	adjustable	minutes

