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

Sensor is used to monitor air quality inside buildings. 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.
The current battery state can easily be determined by looking at the LED indicator.
For detailed information about IQRF, use the document NLB-IQRF-Communication. For information on the communication protocol, use the document NLB-Modbus-Communication.

Parameter	Value	Unit
Power supply - 2xAA	1,5	V
Battery life	24	months
RH measuring range	0 – 100 %	RH
RH accuracy 0 – 90 %	± 5 %	RH
RH accuracy 90 – 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

Explanation of abbreviations and technical terms can be found on our website in the Glossary section.