technical datasheet

AJAX

Air quality monitor

LIFEQUALITY-B

technical datasheet

MONITOREO (LIFEQUALITY)

sensors	**Carbon dioxide / Temperature / Humidity**
CO2 measuring range	**400ppm ~ 5.000ppm**
CO2 evaluation level	**Normal: up to 1,000ppm / Medium: 1,000 to 1,400ppm / High: 1,400 to 2,000ppm / Critical: more than 2,000ppm**
Precisión de medición CO2	**±30ppm / 3%**
Rango de medición temperatura	**0°C ~ +50°C**
Precisión de medición temperatura	**±0.2°C**
Rango de medición humedad	**0% ~ 100%**
Precisión de medición humedad	**±1.8%**

CHARACTERISTICS (LIFEQUALITY)

LED indicator	**Green (normal level) / Yellow (medium level) / Red (high level) / Purple (critical level)**
Automatic calibration	**Once every 1–14 days**
Manual calibration	**Yes**
Automated scenarios	**Yes**
Backup memory (loss of communication with the Hub)	**Yes, up to 3 days**
Accelerometer	**Yes**

VIA RADIO

Frequency	**868.0 MHz ~ 868.6 MHz**
Transmission distance	**Up to 1700 m (without obstacles)**
Maximum power RF	**Hasta 20 mW**
Protocol	**Jeweller / Wings**

POWER CONSUMPTION

Battery model	**2 x CR123A / 3V**
Battery duration	**Up to 3 años**

AMBIENT

Operating temperature	**0 °C ~ 50 °C**
Degree of protection	**IP50**
Use	**Indoor**
Maximum humidity	**85%**

MATERIAL AND DIMENSIONS

Dimensions	**77 x 77 x 35 mm**
Net weight	**130 g**
Weight with packaging	**170 g**
Color	**Black**

GENERAL INFORMATION

Type	**Air quality monitor**
Compatibility	**Hub 2 (2G / 4G) / Hub 2 Plus / Hub Hybrid (2G /4G) / Rex 2**