

EvaluatIR-M

Ordering Information

EVALUATIR - M - X

x	Measurement Range
20	0-20%
100	0-100%



CO₂ Sensor Specifications

Measurement Ranges	0-20%, 0-100%
Accuracy (typ.)	0-20% ±(70ppm +5% of reading) 0-100% ±(300ppm +5% of reading)
Response Time	2 Minutes (Diffusion Limited)
Readings per Second	2
Sample Method	Solid-state LED NDIR Diffusion

Electrical and Mechanical Specifications

Measurement Output	USB mini to PC Application
Power	2 x AA Batteries
Dimensions and Weight	145mm x 95mm x 35mm, 225g

Operating Conditions

Operating Conditions – Temperature	0°C to 50°C
Operating Conditions - Humidity	0-95% RH, non-condensing
Storage Conditions - Temperature	-40°C to +70°C
Pressure Dependence	0.15% of reading per mbar
Environmental Compliance	RoHS and REACH

Humidity and Sensor Specification

Humidity Measurement Range	0-95%
RH Accuracy @ +25°C	±3%
Repeatability @ +25°C	±1%

Temperature Sensor Specification

Temperature Measurement Range	0-50°C
Accuracy 0- 50°C	±0.5°C
Repeatability @ +25°C	±0.1°C

Pressure Sensor Specification

Pressure Measurement Range	50-110kPa
Accuracy 0- 50°C	±0.4kPa
Repeatability @ +25°C	±0.05kPa