

K105-CO2 Carbon Dioxide Sensor

with Temperature Reporting



- ✓ Wireless Connectivity
- ✓ Temperature - compensated CO2 Measurement
- ✓ Separate Temperature Reporting
- ✓ Integrated Back-up Power



Temperature



Radio Transmission



CO2



General Performance			
Product Code:	K105-CO2	CO2 Sampling Method:	Diffusion
Measurement Range:	0°C to 50°C	Operating Temperature Range:	0 to 50°C (typical accuracy 0.2°C)
Typical Accuracy:	+/- 0.2°C	Operating Humidity Range:	0 to 95% RH
Storage Temperature Range:	0 to 50°C (typical accuracy 0.2°C)	Operating Environment:	Residential, Commercial, industrial spaces and potentially dusty air ducts used in HVAC systems
Sensor Life Expectancy:	> 15 years	Wireless Operating Range:	Up to 100m
Warm-up time:	< 1 min	Radio Freq Band:	915 MHz to 928 MHz
CO2 Sensor conformance with Standards:	Emission: EN61000-6-3:2001 Immunity: EN61000-6-2:2001 ROHS Directive 2002/95/EG	Power Supply:	12VDC
Operating CO2 measurement range:	0 to 7% (typical accuracy 0.2%)	Back-up Power:	Integral back-up power provided by rechargeable batteries (included)
CO2 Sensing Method:	Non-dispersive infrared (NDIR) waveguide technology		