

# RKI Sensor Specification

**Features:** Fast warm-up time  
Good zero stability  
Quick response time

## Carbon Dioxide (CO<sub>2</sub>)

**Part Number:** 61-5040RK-10  
**Sensor Application:** Fixed Systems

Technical Specifications			
<b>Measuring Principle</b>	Infrared	<b>Accuracy</b>	+/- 5% of reading or +/- 2% of full scale (whichever is greater)
<b>Range of Measurement</b>	0 – 100% volume	<b>Repeatability</b>	+/- 2% of reading
<b>Resolution</b>	0.5%	<b>T<sub>90</sub> Response time (20°C, 2 min. exposure)</b>	30 seconds

Operating Conditions			
<b>Temperature Range</b>	-20°C to +45°C	<b>Life Expectancy</b>	2-3 Years
<b>Humidity Range</b>	10-95% RH, Non Condensing	<b>Warranty</b>	2 Years

**Interfering Gases - there are no known interferences for this section**