

# RKI Sensor Specification

**Features:** Fast warm-up time  
Good zero stability  
Quick response time  
Sensitive to all Flammable gases & vapors

**Hydrogen (H<sub>2</sub>)**  
**Part Number:** NC-6234-01/05  
**Sensor Application:** Fixed Systems

Technical Specifications			
<b>Measuring Principle</b>	Catalytic Oxidation, Hydrogen Specific	<b>Accuracy</b>	+/- 5% of reading or +/- 2% LEL (whichever is greater)
<b>Range of Measurement</b>	0 – 100% LEL H <sub>2</sub>	<b>Repeatability</b>	+/- 2% of reading
<b>Resolution</b>	1% of full scale	<b>T<sub>90</sub> Response time (20°C, 2 min. exposure)</b>	< 30 seconds

Operating Conditions			
Temperature Range	-40°C to +75°C	<b>Life Expectancy</b>	3 -5 Years
Humidity Range	0-100% RH, Non Condensing	<b>Warranty</b>	1 Year

## Relative Response Information

Please note: This sensor is formulated to respond only to hydrogen gas (H<sub>2</sub>). This sensor will not respond to other flammable gases and vapors.