

RKI Sensor Specification

Features: Fast warm-up time
 Good zero stability
 Quick response time
 Specific to Hydrogen

Hydrogen (H₂)

Part Number: 61-0165RK

Sensor Application: 35-3000 / S2 Transmitter

Technical Specifications			
Measuring Principle	Metal Oxide Semiconductor (MOS)	Accuracy	+/- 10% of reading or +/- 50 ppm (whichever is greater)
Range of Measurement	0 – 1000 / 0 – 2000 ppm	Repeatability	+/- 2% of reading
Resolution	1% of full scale	T₉₀ Response time (20°C, 2 min. exposure)	< 30 seconds

Operating Conditions			
Temperature Range	-40°C to +60°C	Life Expectancy	2 -5 Years
Humidity Range	0-100% RH, Non Condensing	Warranty	1 Year

This sensor detects hydrogen only, with no significant response to any other gas or vapor.