

# RKI Sensor Specification

## Oxygen (O<sub>2</sub>)

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

**Part Number:** OS-BM2  
**Sensor** GX-2001, GX-2003, GX-2009,  
**Application:** GasWatch 2, OX-01, GX-2012, Gas Tracer

Technical Specifications			
Measuring Principle	Galvanic 2-electrode sensor	Accuracy	+/- 0.5% O <sub>2</sub>
Range of Measurement	0 – 40.0 % volume	Repeatability	+/- 0.2% O <sub>2</sub>
Resolution	0.1% O <sub>2</sub>	T <sub>90</sub> Response time (20°C, 2 min. exposure)	20 seconds

Operating Conditions			
Temperature Range	-20°C to +50°C	Life Expectancy	2-3 Years
Humidity Range	10-95% RH, Non Condensing	Warranty	2 Years