

RKI Sensor Specification

Features: Fast warm-up time
 Good zero stability
 Quick response time
 Excellent long-term signal stability
 Explosion-proof construction

Thermal Conductivity (TC)

Part Number: TE-7550, TE-7550-01

Sensor Application: Fixed Systems

Technical Specifications			
Measuring Principle	Thermal Conductivity	Accuracy	+/- 5% of reading or +/- 2% of full scale (whichever is greater)
Range of Measurement	0 – 10 % H ₂	Repeatability	+/- 5% of reading
Resolution	1% of full scale	T₉₀ Response time (20°C, 2 min. exposure)	< 30 seconds

Operating Conditions			
Temperature Range	-20°C to +50°C	Life Expectancy	5 Years
Humidity Range	0-100% RH, Non Condensing	Warranty	1 Year