

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 |