



Introducing the new KE25-LF lead-free Oxygen sensor replacement

The best all-round performer for manufacturers of portable and fixed oxygen analysers and monitors.

Whether you are manufacturing devices to measure oxygen in food transportation

containers, altitude chambers, hypoxia work stations or ship engine rooms you need an oxygen sensor that complies with RoHS, is robust, easy to work with, accurate and reliable.

THE NEW KE25-LF IS YOUR SENSOR!

Features

1. ENVIRONMENTALLY FRIENDLY LEAD-FREE SENSOR DESIGN

- Meets future *ROHS requirements
- Reduces environmental impact upon disposal due to minimal number of PCB components, no voltage application circuit required

2. SELF-POWERED

- Ideally suited for portable energy saving devices as equipment can be made smaller and lighter.
- Minimal development cost, time and effort - only an amplifier circuit is required as opposed to a voltage application and amplifier circuit
- Immediate operation - No warm up time required
- Excellent stability - Resulting from the lack of requirement for voltage application circuitry which will influence a sensor's characteristics

3. NO CROSS-SENSITIVITY TO CO₂ and NO

- High accuracy and confidence in the O₂ measurement

4. LONG-LIFE – 5 YEARS

- High Return on Investment / minimal cost of ownership
- Saving on maintenance time and effort
- Lower environmental impact due to decreased disposal rate

** RoHS substance restrictions state that lead anodes in electrochemical oxygen sensors cannot be used in the manufacturing of medical devices and monitoring and control instruments after 22/07/21 excepting Vitro diagnostic medical devices (22/07/23) and Industrial Monitoring and Control Instruments (22/07/24)*



An Important Note to all Existing customers of the KE-25 Sensor

Dimensions and connectivity remain unchanged so the KE-25LF can directly replace the KE-25. The KE-25LF matches the specification of the KE-25 in terms of 5 years life time, 15 seconds response time and operating conditions. **For more advice OMNI Sensors & Transmitters LTD are here to help.**



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Product specifications are subject to change without prior notice.
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