Oxygen CiTiceL® Specification





Performance Characteristics

Nominal Range	0-25% Oxygen
Max Overload	30% Oxygen
Expected Operating Life	Two years in Air
Output Signal	0.41 ± 0.07mA in Air
T ₉₅ Response Time	<10 seconds (see note)
Temperature Range	-20°C to +45°C
Temperature Coefficient	0.2% signal/°C
Pressure Range	Atmospheric ± 10%
Pressure Coefficient	<0.02% signal/mBar
Operating Humidity	0 to 99% RH non-condensing
Long Term Output Drift	<5% signal loss/year
Maximum Load Resistor	100Ω
Storage Life	Six months in CTL container
Recommended Storage Temperature	0-20°C
Warranty Period	12 months from date of despatch



Note: Signal <0.1% O_2 after 3mins in zero oxygen N.B. All performance data is based on conditions at 20°C,

50%RH, and 1013mBar



Doc. Ref.:2fo.indd Rev 03 ECN I 2287 Issue 4

Page 1 of 2

21st February 2011

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Ordering Information

The 2FO Oxygen CiTiceL is available with either long or short flying leads. The ensure the appropriate option is supplied care must be taken to provide the correct code when ordering.

2FO Oxygen CiTiceL with standard 110mm flying leads ... AA625-180 2FO Oxygen CiTiceL with 300mm flying leads ... AA625-230

SAFETY NOTE

Although this product is not designed for use in life safety applications, if it is used in such applications it is a requirement that the function of the device is confirmed by exposure to target gas (bump check) before each use of the sensor and/or instrument, to ensure that the sensor and/or instrument in which it is used, are operating properly. Failure to carry out such tests may jeopardize the safety of people and property.

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Performance characteristics on this data sheet outline the performance of newly supplied sensors. Output signal can drift below the lower limit over time.

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Page 2 of 2

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