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REV DCO'S AFFECTING THIS DRAWING DATE APPROVED

A INITIAL RELEASE # 3865 10/3/11 D.L.

DCO # 4744 12/11/13 D.L.

CORRECTED SPELLING ERRORS

1. Output:

11mV ±2.5mV in air at 1013 millibar pressure and a temperature range of 23±2 °C

2. Operating Temperature:

5° to 40°C

3. Maximum Storage Temperature:

−15° to 50 °C

4. Optimal Storage Temperature:

5° to 25°C

5. Range of Measurement (Full Scale):

0 to 100% oxygen

6. Zero Offset:

Less than or equal to 0.50 mV when exposed to 100% nitrogen

7. 90% Response Time:

Less than or equal to 15 seconds at 23±2 °C

8. Linearity:

Within +/- 2.0% of full scale

9. Stability:

Less than 1% of full scale over an 8 hour period (drift) at constant temperature, pressure, humidity, and concentration of oxygen.

10. Interference:

Less than 2% of full scale in presence of 75% Nitrous oxide
Less than 2% of full scale in presence of 5% Halothane
Less than 2% of full scale in presence of 5% Isoflurane
Less than 2% of full scale in presence of 5% Enflurane
Less than 2% of full scale in presence of 6% Sevoflurane
Less than 2% of full scale in presence of 15% Desflurane
Less than 2% of full scale in presence of 10% Carbon Dioxide
Less than 2% of full scale in presence of 70% Helium

11. Temperature Compensation:

Less than  $\pm$  3.0% from 15° to 40°C

12. Expected Life

> 1,500,000% oxygen hours under normal operating conditions

13. Humidity

5% to 95% Relative Humidity non-condensing

14. Thermal Stability:

Less than 2% deviation of full scale over a 2°C/min change in environment temperature in room air at constant pressure and humidity when calibrated at room temperature (23°±2°C)

					_	E	FFECTIVE			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982								A
		.XX = ±.01 .XXX = ±.005 .XXXX= ±.002	ANGLES ±1°30'	SPECIFICATIONS, MAX-250TM AND MAX-250TA						
LARSEN	12/11/13	PREP M. SWANK	9/9/11	OXYGEN SENSOR					125	
G MEADS	12/11/13		9/29/11	size B	FSCM NO 1S8		NUMBER R12	25P45	REV E	P45
		ENG C CINDRICH	12/11/13	SCALE	NONE			SHEET 1 OF 2		lπ

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PROPRIETARY INFORMATI

