

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE # 3865	10/3/11	D.L.
E	DCO # 4744	12/11/13	D.L.
CORRECTED SPELLING ERRORS			

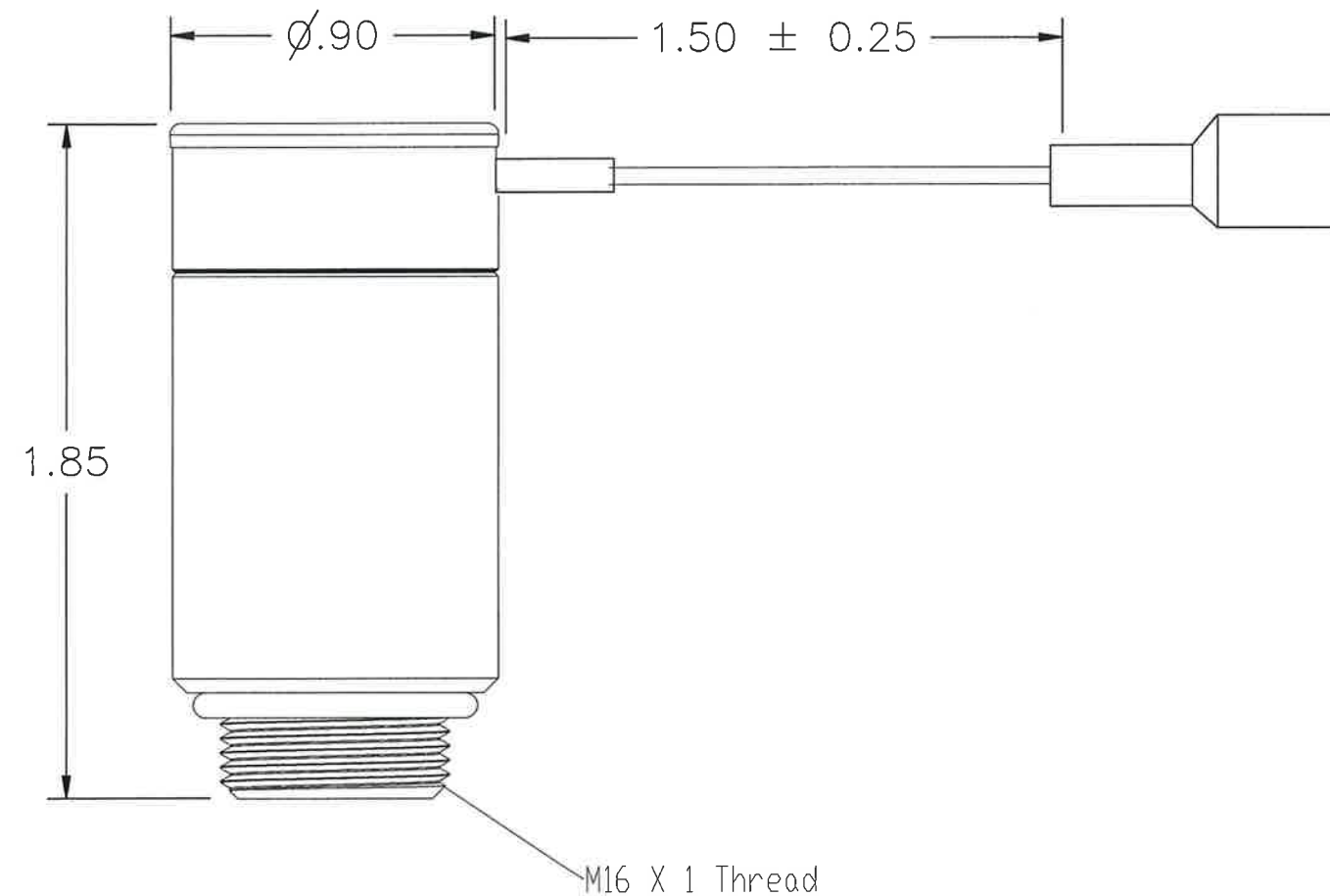
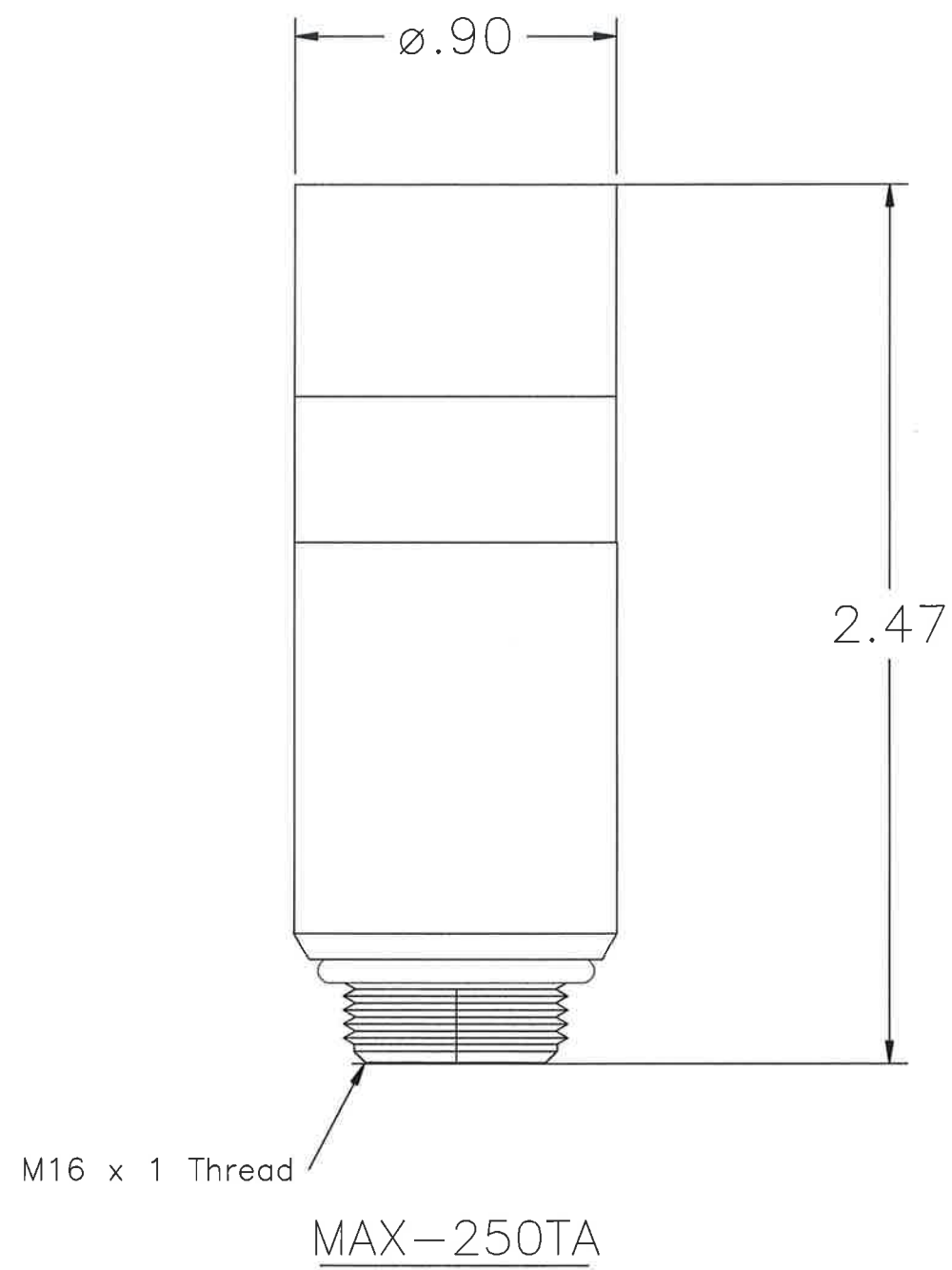
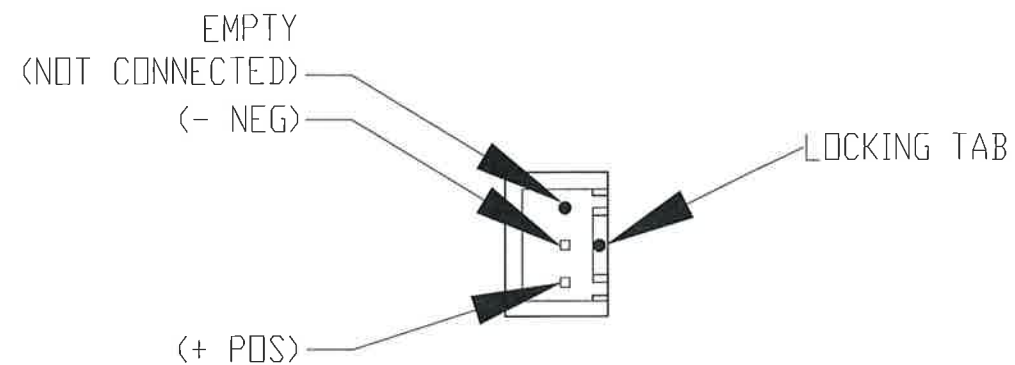
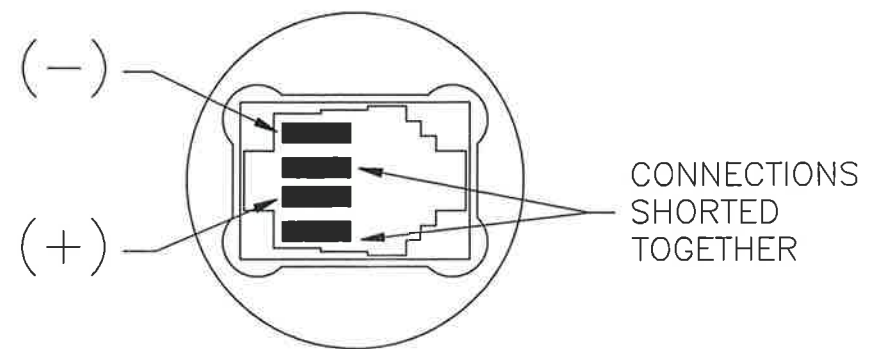
1. Output:
11mV \pm 2.5mV in air at 1013 millibar pressure and a temperature range of 23 \pm 2 °C
2. Operating Temperature:
5° to 40 °C
3. Maximum Storage Temperature:
−15° to 50 °C
4. Optimal Storage Temperature:
5° to 25 °C
5. Range of Measurement (Full Scale):
0 to 100% oxygen
6. Zero Offset:
Less than or equal to 0.50 mV when exposed to to 100% nitrogen
7. 90% Response Time:
Less than or equal to 15 seconds at 23 \pm 2 °C
8. Linearity:
Within \pm 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° \pm 2°C)

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DEC 11 2013
EFFECTIVE DATE
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		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982		maxtec® SALT LAKE CITY, UTAH 84107					
		.XX = ±.01 .XXX = ±.005 .XXXX = ±.002		ANGLES ±1°30'		SPECIFICATIONS, MAX-250TM AND MAX-250TA OXYGEN SENSOR			
QA D. LARSEN	12/11/13	PREP M. SWANK	9/9/11	SIZE B	FSCM NO. 1S815	NUMBER R125P45	REV E		
MFG E. MEADS	12/11/13	CHKR C. CINDRICH	9/29/11	SCALE NONE		SHEET 1 OF 2			
		ENG C. CINDRICH	12/11/13						

PROPRIETARY INFORMATION
MAXTEC



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SIZE B	FSCM NO. 1S815	NUMBER R125P45	REV E
SCALE NONE	SHEET 2 OF 2		

PROPRIETARY INFORMATION
 MAXTEC

R125P45 E