

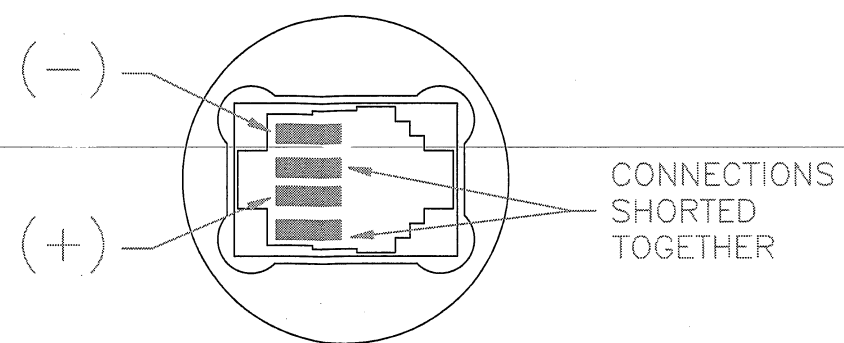
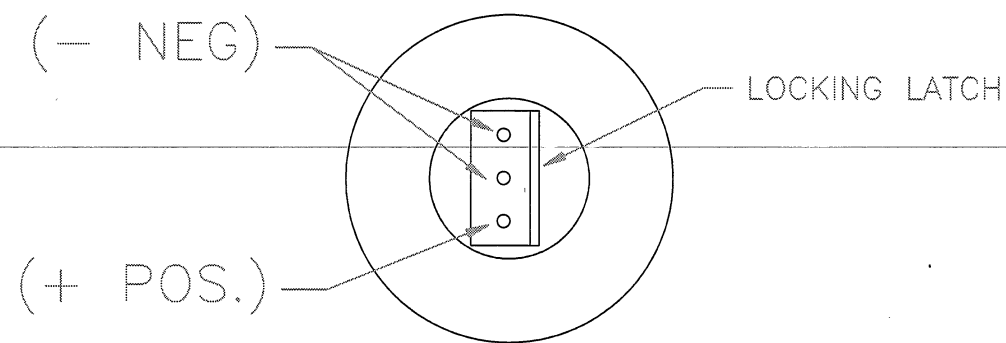
REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE #907	4/28/98	G.P.
G	DCO # 4462 UPDATED SPECS	4/1/13	L.L.

1. Output:
11mV \pm 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 99.9% to 100% nitrogen for 5 min.
7. 90% Response Time:
Less than or equal to 15 seconds at 23 ± 2 °C
8. Linearity:
Within \pm 1.0% of full scale

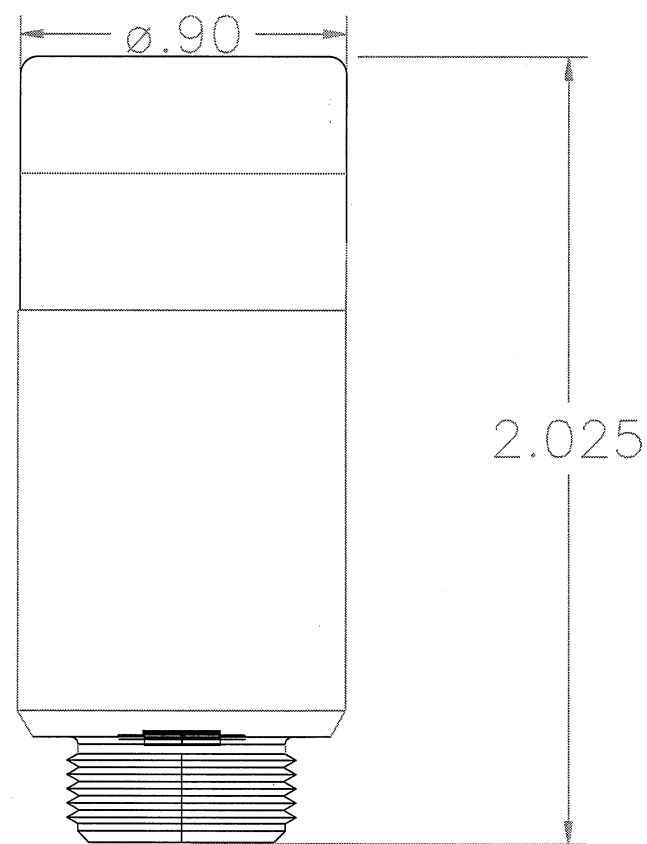
9. Stability:
Less than 1% of full scale over an 8 hour period at constant temperature, pressure, and humidity.
10. Interference:
Less than 2% of full scale in presence of 75% Nitrous oxide
Less than 2% of full scale in presence of 5% Halothane
Less than 2% of full scale in presence of 5% Isoflurane
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

AUTHORIZED COPY
APR 5 2013
EFFECTIVE DATE
VALID ONLY IF THIS STAMP IS RED

		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-250A, MAX-250M & MAX-250L OXYGEN SENSOR			
QA G. ROTH	3/27/13	PREP C. ZASTROW	12/6/97	SIZE B	FSCM NO. 1S815	NUMBER R125P21	REV G		
MFG E. MEADS	3/12/13	CHKR G. POELAKKER	4/28/98	SCALE NONE		SHEET 1 OF 2			
		ENG T. MARSHALL	02/12/13						

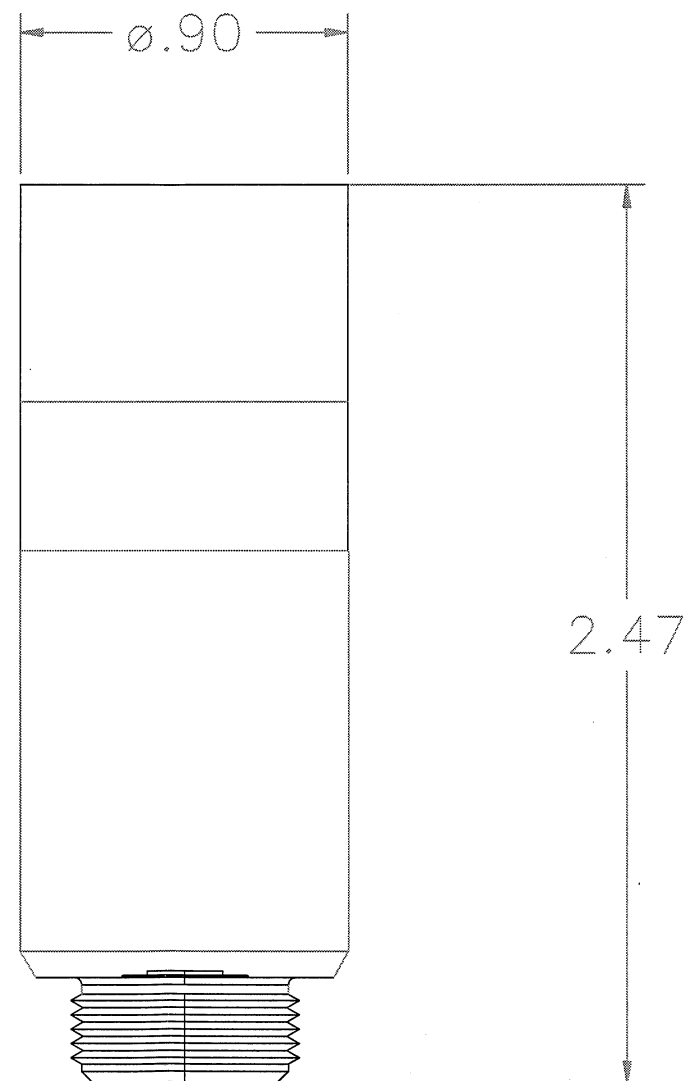


3mm PHONE JACK
CENTER NEGATIVE (-)



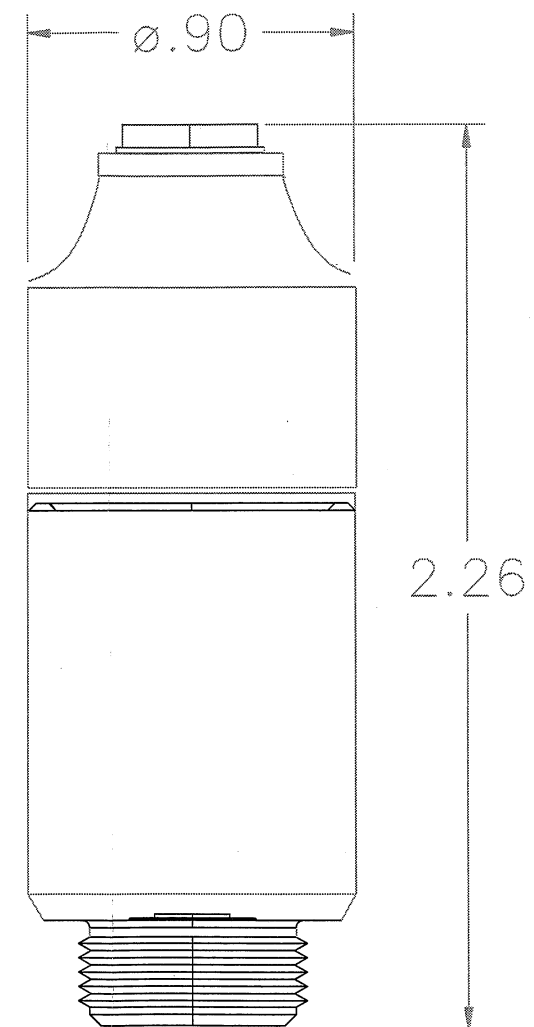
M16 x 1 Thread

MAX-250M



M16 x 1 Thread

MAX-250A



MAX-250L

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SIZE B	FSCM NO. 1S815	NUMBER R125P21	REV G
SCALE NONE	SHEET 2 OF 2		

PROPRIETARY INFORMATION
MAXTEC

R125P21 G