

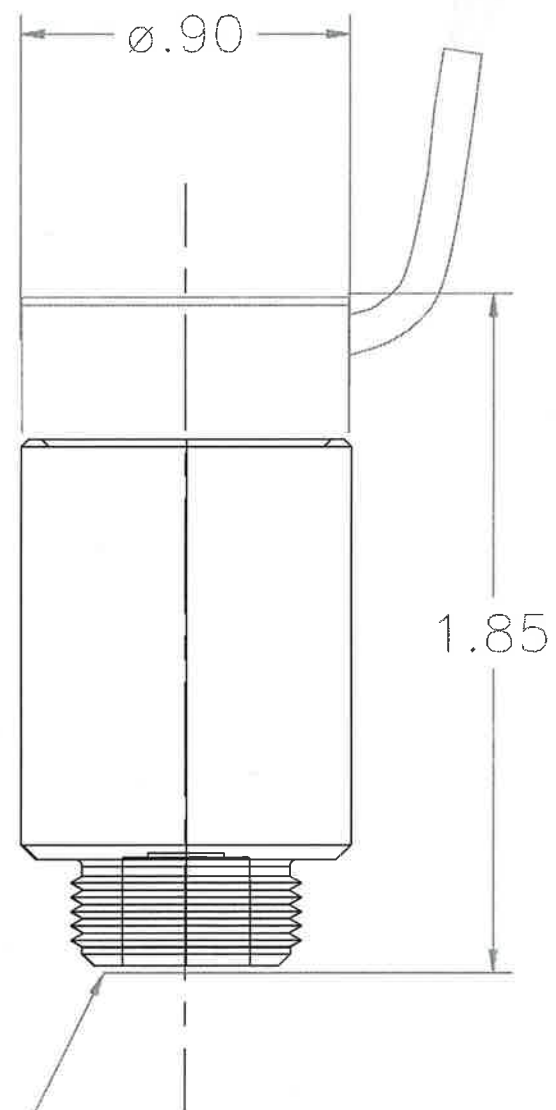
REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL #785	4/29/97	B.H.
F	DCO # 4462 UPDATED SPECS	4/01/13	L.L.

1. Output:
10.0 to 15.5 mV 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
7. 90% Response Time:
Less than or equal to 15 seconds at 23±2 °C
8. Linearity:
Within +/− 1.0% of full scale

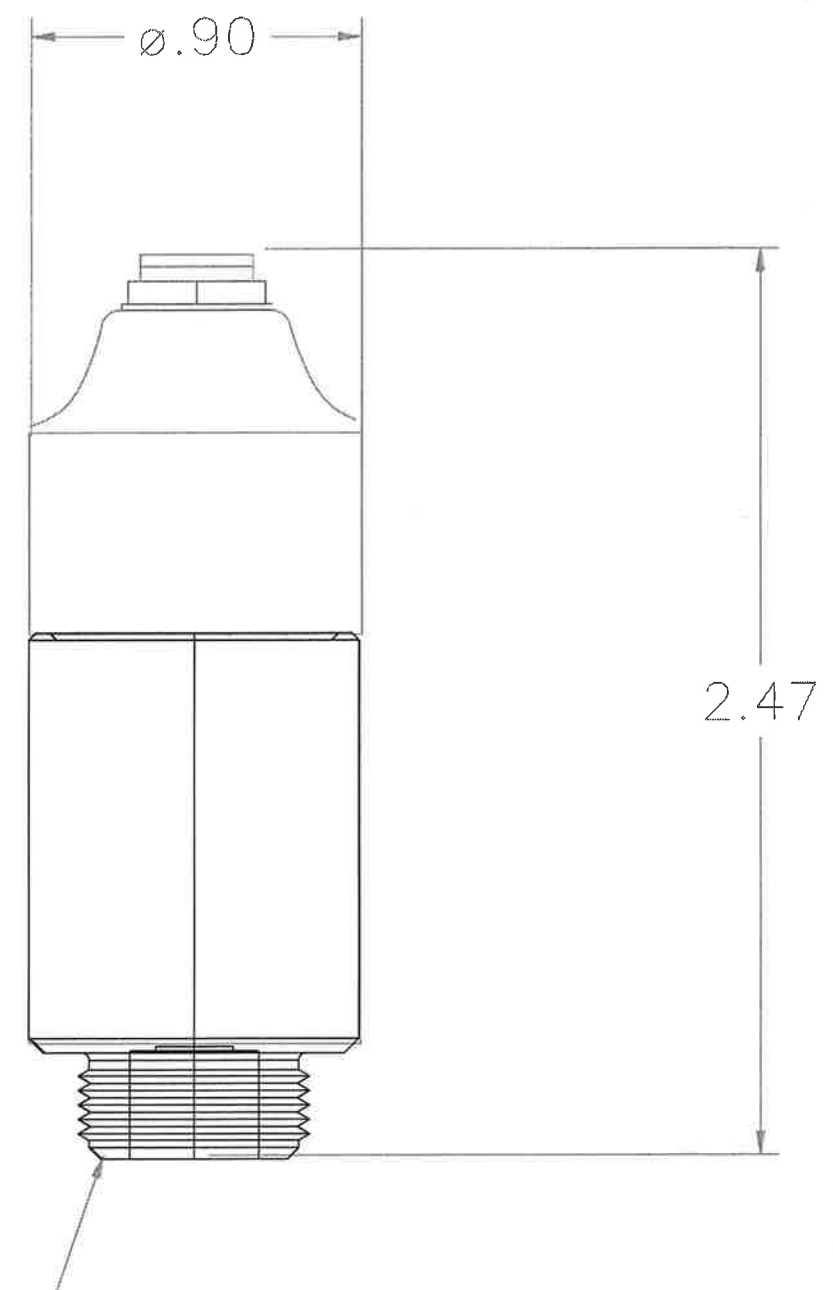
9. Stability:
Less than 1% of full scale over an 8 hour period at constant temperature, pressure, and humidity.
10. Interference:
Less than 2% of full scale in presence of 75% Nitrous oxide
Less than 2% of full scale in presence of 5% Halothane
Less than 2% of full scale in presence of 5% Isoflurane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

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APR 5 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-250 OXYGEN SENSOR			
QA	G. ROTH	03/27/13	PREP E. CUTLER	4/28/97					
MFG	E. MEADS	03/12/13	CHKR B. HAMATAKE	4/29/97		SIZE B	FSCM NO. 1S815	NUMBER R125P20	REV F
			ENG T.MARSHALL	02/12/13		SCALE NONE		SHEET 1 OF 2	



M16 x 1 Thread



M16 x 1 Thread

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SIZE B	FSCM NO. 1S815	NUMBER R125P20	REV F
SCALE NONE	SHEET 2 OF 2		PROPRIETARY INFORMATION MAXTEC

R125P20 F