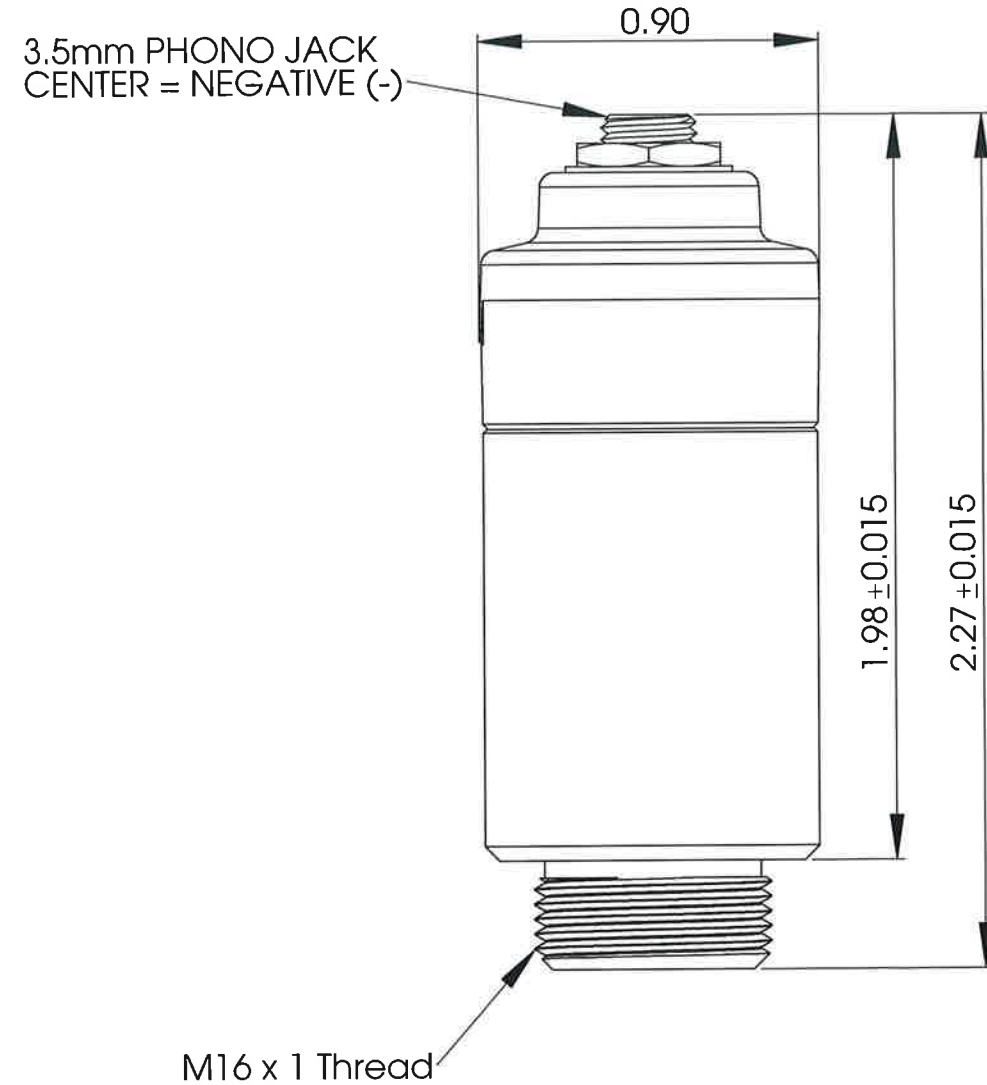


REVISIONS			
REV	DCOS AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. DCO# 1900	10/30/02	D.L.
D	DCO# 5156 CORRECTED DIMENIONS	10/25/14	D. LARSEN

1. Output:
12.0 to 17.0 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 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. 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
14. Electrical Interface
3.5mm MonoJack, Female
(center = negative (-))



AUTHORIZED COPY
 OCT 25 2014
 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	
XX = ±.01 XXX = ±.005 .XXXX = ±.002	ANGLES ±1°30"	SPECIFICATIONS MAX-13-250 OXYGEN SENSOR	
ORIGINATOR D. LARSEN	10/30/02	SIZE B	DWG. NO. R125P08
CHECKED R. ERICKSON	09/25/14	REV D	
ENG M. SWANK	10/9/14	SCALE: 2:1	SHEET 1 OF 1

Q.A.	
G. ROTH	10/16/14
MFG	
E. MEADS	10/1/14

R125P08 D