

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:
25°C, 50% RH and 1013 hPa.

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 3386	6/3/10	OK

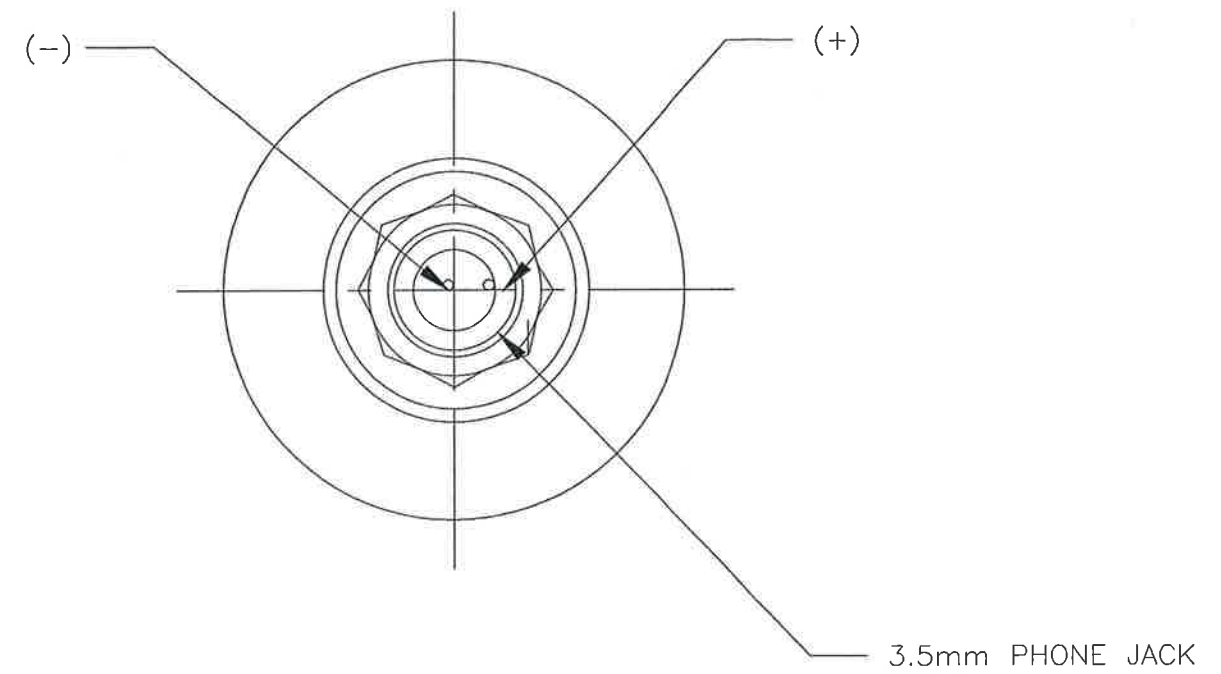
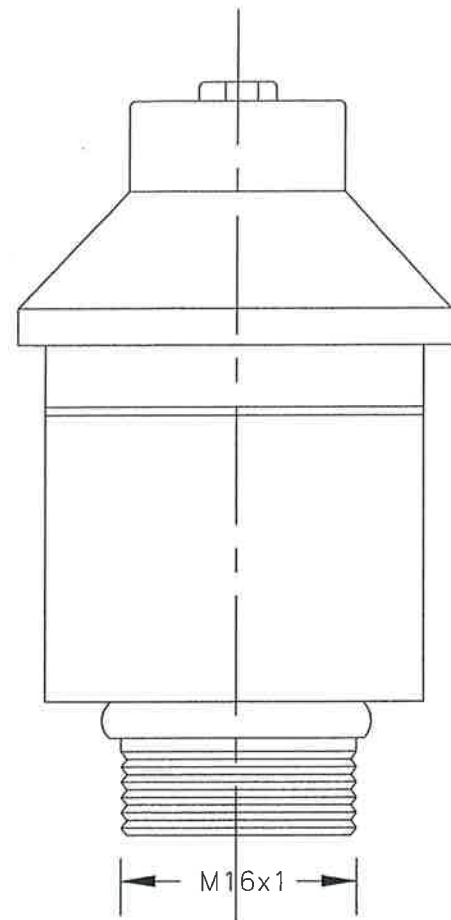
1. Output:
7 to 13.5 mV @ dry air
2. Operation:
 1. Temperature: 0 TO 50°C
 2. Ambient pressure: 750 – 1250 mBar
3. Storage Temperature Range:
-20° to 50° C
5° to 25° C Recommended
4. Range of Measurement (Full Scale):
0 to 100% oxygen
5. 90% Response Time:
Less than 5 seconds
6. Signal Response to Nitrogen:
Ua/200 @ 100% nitrogen in less than 40 seconds
7. Accuracy:
< 2 Vol.% +/- 0.1%
< 25 Vol.% +/- 0.5%
< 100 Vol.% +/- 1%

8. Influence of Humidity:
Entails partial pressure change of oxygen
9. Interference:
<0.1% Oxygen Response to:
 - 15.0% CO₂ balance N₂
 - 10.0% CO balance N₂
 - 3,000 ppm NO balance N₂
 - 3,000 ppm C₃H₈ balance N₂
 - 500 ppm H₂S balance N₂
 - 500 ppm SO₂ balance N₂
 - 1,000 ppm Benzene balance N₂
10. Recommended Load Resistor:
more than 10K ohms
11. Nominal Sensor Life:
> 750,000 % – Oxygen hours
(expected life = approx. 48 months in ambient air)
12. Electrical Interface:
3.5mm Mono Jack

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JUN 17 2010
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		ANGLES		SPECIFICATION			
.XXX = ±.005		±1'30"		MAX-402T OXYGEN SENSOR			
.XXXX = ±.002				SIZE	FSCM NO.	NUMBER	REV
PREP D. LARSEN		5/25/10		B	1S815	R108P53	A
CHKR L. Anderson		6/3/10		SCALE NONE		SHEET 1 OF 2	
ENGR [Signature]		6/15/10		PROPRIETARY INFORMATION MAXTEC INC.			

D
C
B
A
R108P53 A



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SIZE B	FSCM NO. 1S815	NUMBER R108P53	REV A
SCALE NONE		SHEET 2 OF 2	

PROPRIETARY INFORMATION
 MAYTEC INC

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