

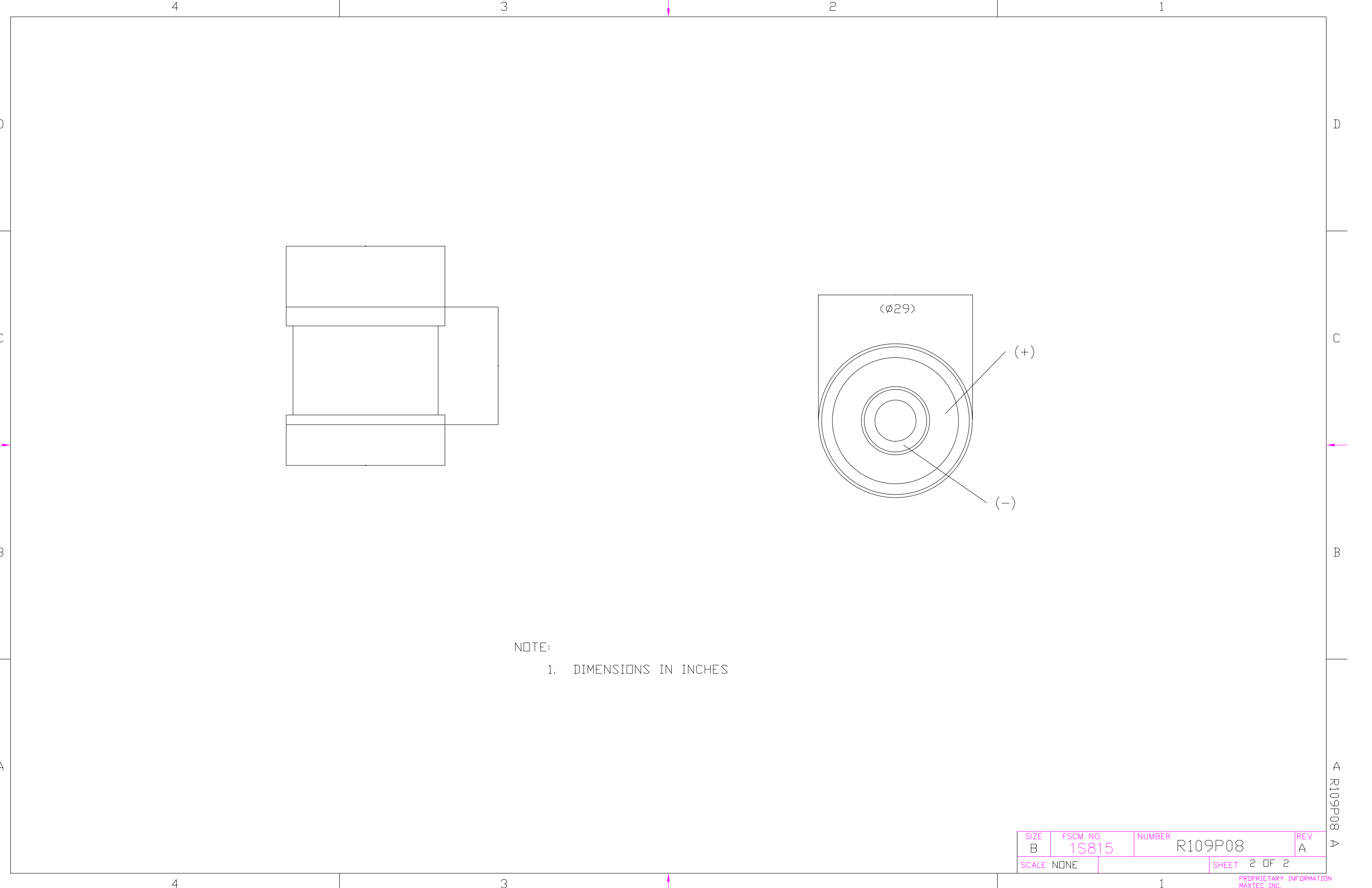
ALL SPECIFICATIONS APPLY AT 1013 MILLBAR, 25°C, DRY AMBIENT AIR.

1. Output:
25mV to 35mV, dry ambient air
2. Operating Temperature:
10° C to 45° C
3. Maximum Storage Temperature:
-20° C to 50° C
(Recommended: 5° C to 30° C)
4. Electrical Connector:
gold plated slip rings
5. Range of Measurement (Full Scale):
0 to 100% oxygen
6. Zero Offset:
Less than or equal to 0.20 mV when exposed to
100% nitrogen, applied for 5 minutes
7. 90% Response Time:
Less than or equal to 17 seconds
@ flow range of 0.2 to 2.0 L/min
8. Linearity:
Within ± 2.0% of full scale
applied for 5 min

9. Stability:
Less than 1% of full scale over an 8 hour period
at constant temperature, pressure, and humidity.
(between 20% - 100% oxygen)
10. Interference:
Less than 0.3% of full scale in presence of 80% Nitrous oxide
Less than 0.3% of full scale in presence of 7.5% Halothane
Less than 0.3% of full scale in presence of 7.5% Isoflurane
Less than 0.3% of full scale in presence of 7.5% Enflurane
Less than 0.3% of full scale in presence of 7.5% Sevoflurane
Less than 0.3% of full scale in presence of 20% Desflurane
Less than 0.3% of full scale in presence of 10% Carbon Dioxide
11. Temperature Compensation:
NTC
>500,000% oxygen hours under normal operating conditions
12. Expected Life:
13. Humidity:
5% to 95% Relative Humidity non-condensing
14. Warm-up Time:
Less than 30 minutes, after replacement of sensor

REV.	DCO's AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL.# 2171		

Q.A.		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'	SPECIFICATION, MAX-43 OXYGEN SENSOR		
		PREP Kevin Durst	11/05/04			
MFG		CHECKED		SIZE B	DWG. NO. R109P08	REV A
		ENG		SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



SIZE B	FSCM NO. 1S815	NUMBER R109P08	REV A
SCALE NONE	SHEET 2 OF 2		

PROPRIETARY INFORMATION
MAXTEC INC.