

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:
1013 MILLIBAR, 25° C, 60 ± 5% RH

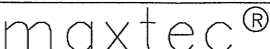
REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 4157	6/12/12	D.L.

1. Output:
10.0 – 15.5mv
2. Operation:
 1. Temperature: 5° – 40° C
 2. Atmospheric Pressure: 811 – 1216 hPa
 3. Relative Humidity: 10 to 90% RH
(No Condensation)
3. Storage Temperature Range:
 1. Recommended: 5° to 25° C
 2. Maximum: –15° to +50° C
4. Range of Measurement (Full Scale):
0 to 100% oxygen ±1%
5. Zero Offset:
Less than 0.5mV
6. 90% Response Time:
14 ± 2 Seconds
Where the air exchange is greater than 200 – 300ml per minute.
7. Linearity:
Within +/- 2.0% of full scale
8. Stability:
Less than 1% of full scale over an 8 hour period at constant temperature, pressure, and humidity.

9. 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
12. Nominal Sensor Life:
5 years
13. Electrical Interface:
.062" Dual Pin Molex Connector

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
AND PER ANSI Y14.5-1982

QA G. ROTH	6/7/12	PREP D. LARSEN	6/6/12
MFG E. MEADS	6/7/12	CHKR T. MARSHALL	6/6/12
		ENG T. MARSHALL	6/6/12

 SALT LAKE CITY, UTAH 84119			
SPECIFICATION MAX-25 OXYGEN SENSOR			
SIZE B	FSCM NO. 1S815	NUMBER R100P54	REV A
SCALE NONE		SHEET 1 OF 1	

D
C
B
A
R100P54 A