

REVISIONS			
REV	DCO'S RELATED TO THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE DCO # 3931	12/9/11	D. L.
B	DCO # 5218 UPDATED SPECIFICATIONS	12/11/14	D.LARSEN

OPERATING PRINCIPLE:  
Galvanic Fuel Cell

RANGE:  
0-100%  $O_2$

OUTPUT: (@20.9%  $O_2$ )  
4.0mV-11.0mV (with 143  $\Omega$  Load)

RESPONSE TIME (90%):  
10 seconds (per ISO/DIS 7767)

TEMPERATURE COMPENSATED:  
Yes

ELECTRICAL CONNECTION:  
4 Position Molex Connector

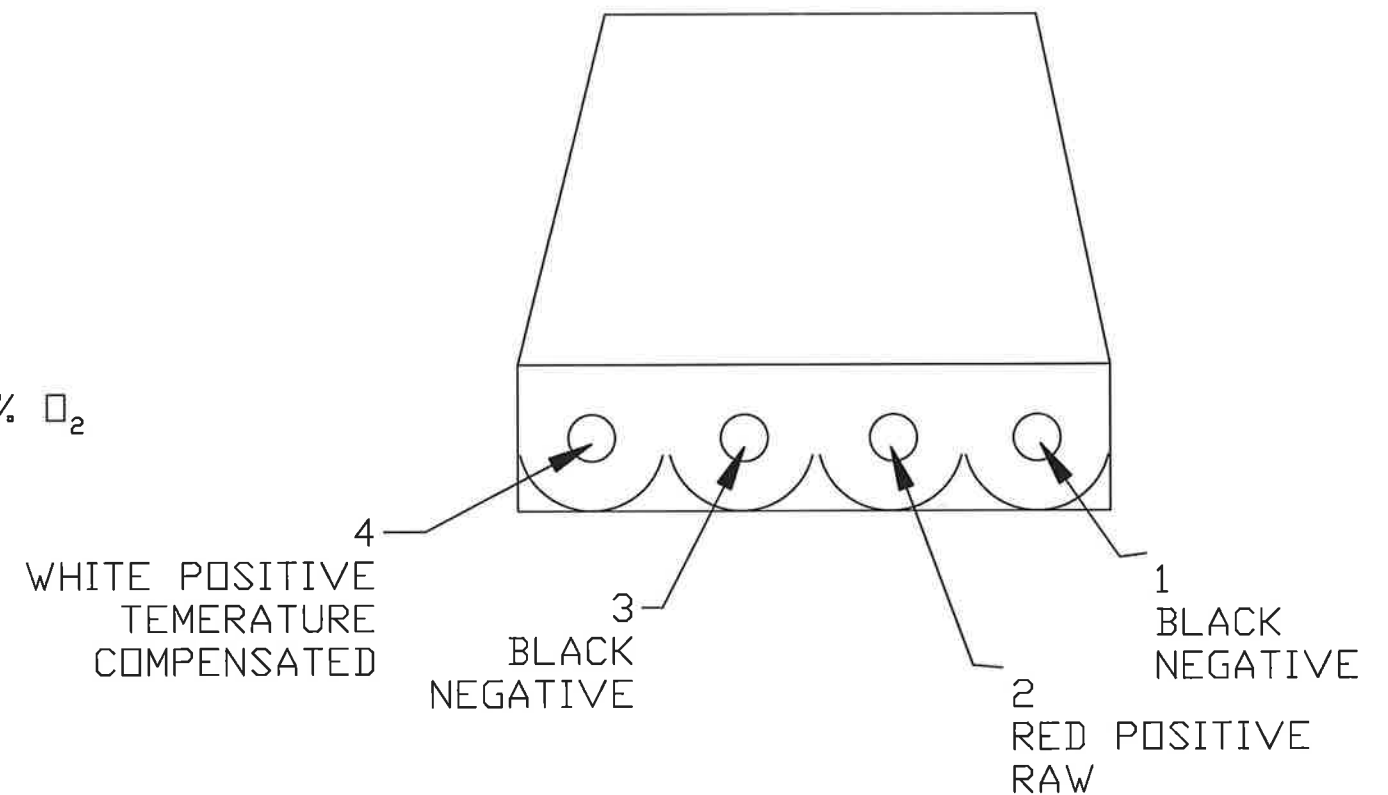
LINEARITY:  
 $\pm 1\%$  of Full Scale when Calibrated at 100%  $O_2$

OPERATING TEMPERATURE:  
0°C - 40°C

HUMIDITY RANGE:  
0-100% Non-Condensing

SPECIFICATIONS AT:  
1013 Millibars @ 23  $\pm$  2°C

ZERO OFFSET:  
< 0.5mV in 100%  $N_2$



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'	SPECIFICATION, MAX-49 OXYGEN SENSOR	
ORIGINATOR D. LARSEN	12/2/11	SIZE B	DWG. NO. R116P14
CHECKED C. CINDRICH	12/5/11	SCALE: 1:1	REV B
ENG M. SWANK	12/9/14	SHEET 1 OF 1	

R116P14 B