

| REVISIONS | | | |
|-----------|---|----------|----------|
| REV. | DCO's RELATED TO THIS DRAWING | DATE | APPROVED |
| A | INITIAL RELEASE DCO # 2998 | 9/10/08 | D.L. |
| C | DCO # 5218 UPDATED SPEC AND COMBINED PAGES 1 & 2 | 12/10/14 | D.LARSEN |

1. Output:

Optimized for Oxygen Analyzer Hudson RCI[®] 5801 in air at 1013 millibar pressure, 50% RH and a temperature range of 25° C, with 143 Ω load is 4-11 mV.

2. Operating Temperature:

0° to 40° C

3. Range of Measurement (Full Scale):

0-100% Vol.% Oxygen

4. Zero Offset:

Less than 50 μA when exposed to 100% Nitrogen for 5 min.

5. 90% Response Time:

Less than or equal to 12 seconds at 25° C

6. Linearity:

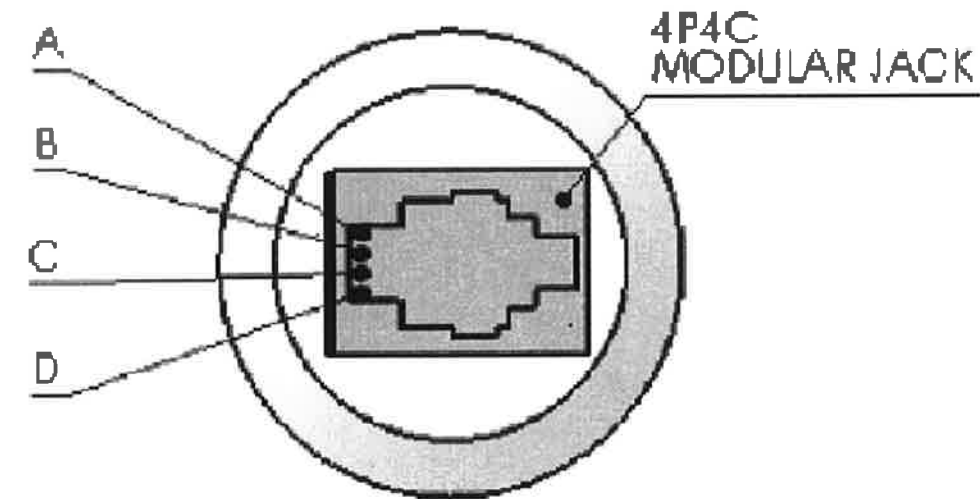
Less than or equal to 1.0% at 100% Oxygen

7. Temperatue Compensation:

NTC

8. Electrical Interface:

AMP Phone Jack 4P4C
Pin Output: A: Uout (-), B: NTC (+), C: uout (+) and NTC, D: Uout (-)



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|---|------------------|---|---------------------|
| 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-47 Oxygen Sensor | |
| ORIGINATOR A. BOARDMAN | 7/18/08 | SIZE B | DWG. NO. R112P17 |
| Q.A. T. LAVERY | 12/9/14 | CHECKED G. PEKAR | 9/11/08 |
| MFG E. MEADS | 12/9/14 | ENG M. SWANK | 12/9/14 |
| | | SCALE: 1:1 | SHEET 1 OF 2 |

R112P17 C