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DCO'S AFFECTING THIS DRAWING DATE APPROVED A INITIAL REL. #747 11/20/96 B.H. 4/1/13 D.L. J DCO # 4458 UPDATËD OUTPUT

1 OUTPUT:

8.0mV TO 13.5mV IN AMBIENT AIR AT 1013 mbar PRESSURE, 23±2°C

2. OPERATING CONDITIONS:

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TEMPERATURE: 10° TO 40° C HUMIDITY: 10% TO 95% R.H., NONCONDENSING PRESSURE: 666 - 1066 mbar

DIFFERENTIAL PRESSURE: 120 mbar MAX.

3. STORAGE CONDITIONS:

TEMPERATURE: -20° TO 50° C HUMIDITY: 10% TO 95% R.H., NONCONDENSING

PRESSURE: 666-1066 mbar

4. TRANSPORT CONDITIONS:

TEMPERATURE: -15° TO 50° C HUMIDITY: 10% TO 95% R.H., NONCONDENSING PRESSURE: 467 mbar FOR UP TO 24 HOURS

- 5. RANGE OF MEASUREMENT (FULL SCALE): 0 TO 100% OXYGEN
- 6. ZERO OFFSET: LESS THAN 0.15mV
- 7. RESPONSE TIME: O TO 90% OF CHANGE IN 15 SECONDS OR LESS AT 23±2°C
- WITHIN ±2% OF FULL SCALE

9. STABILITY:

SPAN DRIFT: LESS THAN OR = $\pm 0.5\%$ OF FULL SCALE PER 24 HOURS

UNDER CONSTANT ENVIRONMENTAL CONDITIONS

ZERO DRIFT: LESS THAN OR = $\pm 0.5\%$ OF FULL SCALE PER MONTH

UNDER CONSTANT ENVIRONMENTAL CONDITIONS

10. INTERFERENCE:

LESS THAN 1% OF FULL SCALE IN PRESENCE OF NITROUS OXIDE, CARBON DIOXIDE OR HELIUM

11. TEMPERATURE EFFECTS:

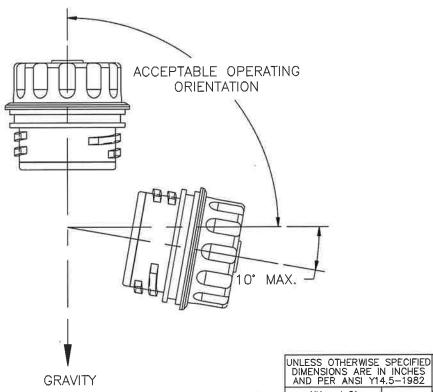
LESS THAN ±1.5% OF FULL SCALE ERROR OVER OPERATING TEMPERATURE RANGE.

12. LIFE:

>900,000% OXYGEN HOURS

13. ORIENTATION:

SPECIFICATIONS ARE VALID FOR INSTALLATIONS WHERE THE SENSING AREA IS MOUNTED EITHER HORIZONTALLY FACING DOWNWARD OR VERTICALLY WITHIN 10° MAX. (SEE DIAGRAM BELOW)



G. ROTH

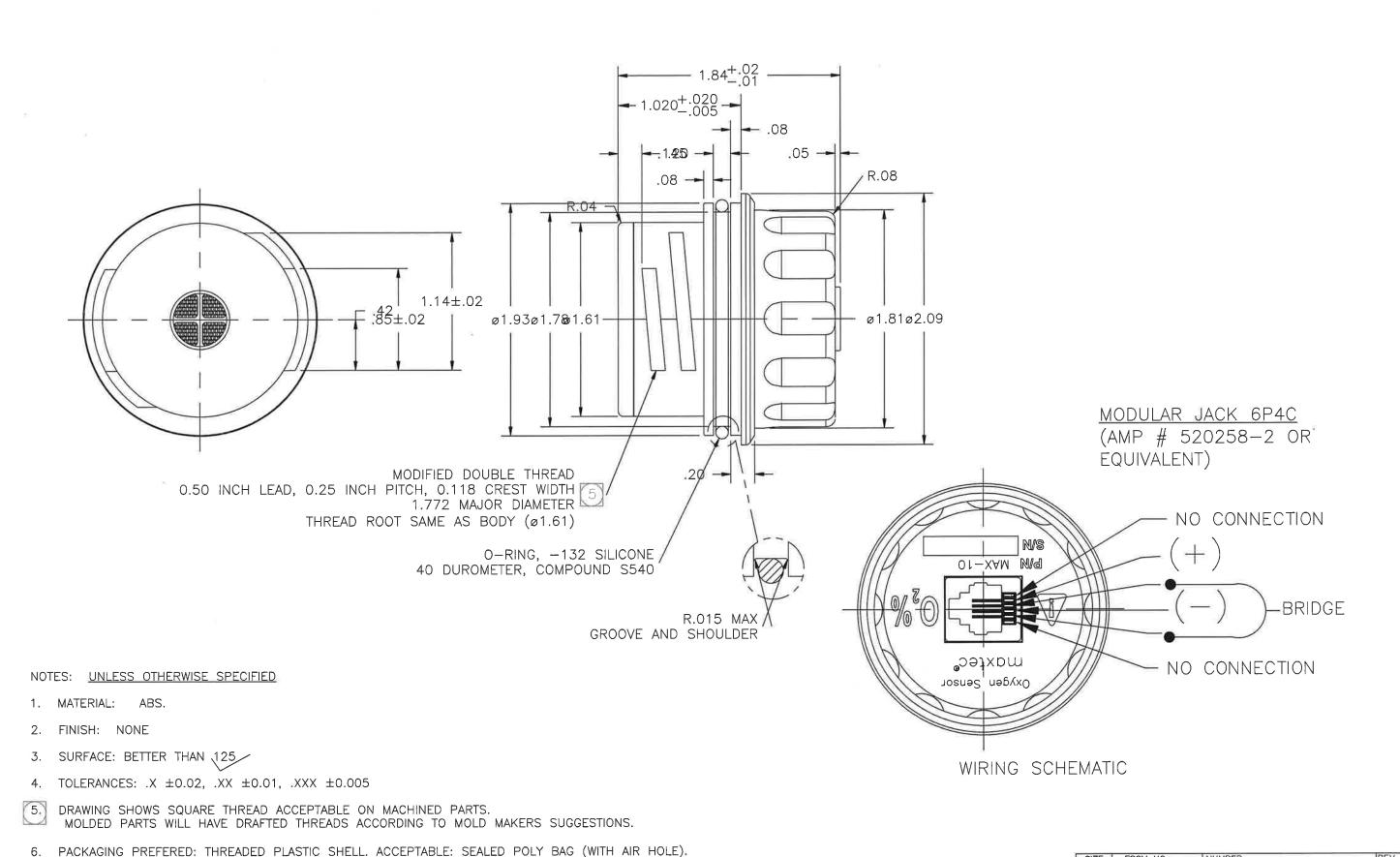
E. MEADS

maxtec ® DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982 SALT LAKE CITY, UTAH 84107 $.XX = \pm .01$ **ANGLE** $.XXX = \pm .005$ **SPECIFICATIONS** ±1°30′ $.XXXX = \pm .002$ MAX-10 OXYGEN SENSOR 3/26/13 E. CUTLER 11/8/96 CHKR NUMBER 3/11/13 B. HAMATAKE 11/20/96 R112P15 1S815 В C. CINDRICH 3/26/13 SCALE NONE SHEET 1 OF 2

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PROPRIETARY INFORMATION MAXTEC

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