REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. #692	10/29/96	AR
F	DCO # 2701 CORRECTED NOTE 1, 2, 3, 5, AND 6	3/5/07	

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:
1013 MILLIBAR, 25°C DRY AIR.

1. Output: (Compatible with Teledyne T–7 sensor)

   7.5 TO 12.5mV @ ambient air

2. Operation:

   1. Temperature: 0 to 40° C
   2. Ambient pressure: 750 – 1250 mbar
   3. Relative Humidity: Up to 99% Rh
   (Condensing atmospere over several hours)

3. Storage Temperature Range:

   –20 to 50° C
   5 to 15° C Recommended

4. Range of Measurement (Full Scale):

   0 to 100% oxygen

5. Zero Offset:

   <200uV Oxygen, when nitrogen applied for 5 minutes

6. 90% Response Time:

   Less than or equal to 8 seconds.

7. Linearity:

   < 3.0% of full scale

8. Stability:

   Less than 1% of full scale over an 8 hour period between 20% and 100% oxygen.

9. Repeatability:

   ±1% Volume O_2 at 100% O_2 applied for 5 minutes

10. Interference:

    Less than 0.5% O_2 response to:
    10.0% CO_2 balance N_2
    80.0% N_2O balance N_2
    7.5% Halothane balance N_2
    7.5% Isoflurane balance N_2
    7.5% Enflurane balance N_2
    9.0% Sevoflurane balance N_2
    20.0% Desflurane balance N_2

11. Nominal Sensor Life:

    >500,000% O_2 hours

12. Warm Up Time:

    Less than 30 minutes after replacement of sensor.

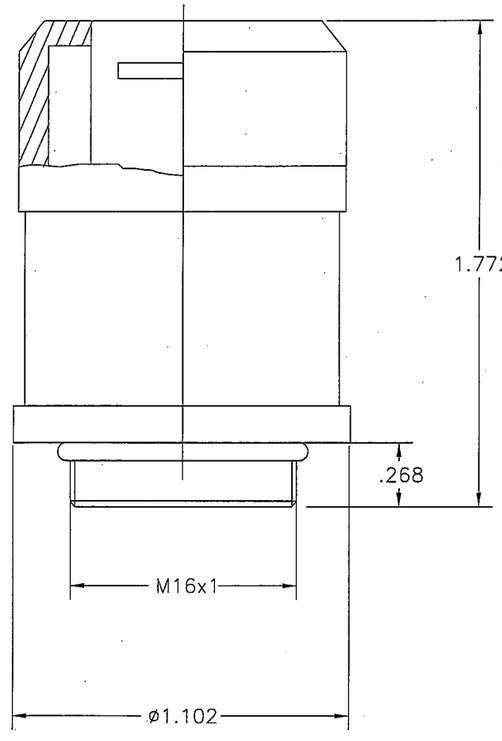
13. Electrical Interface:

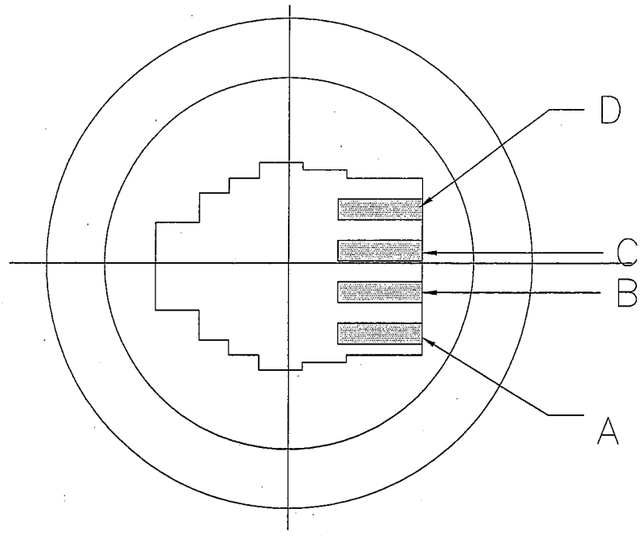
    Female Jack, 4 Pins
    (AMP #520257–2 or equivalent)

MAR 12 2007
QA NSP

QA T. COOK	2/15/07	PREP E. CUTLER	9/30/96	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5–1982 .XX = ±.01 .XXX = ±.005 .XXXX= ±.002 ANGLES ±1°30'	maxtec ® SALT LAKE CITY, UTAH 84107
MFG G. ROTH	2/20/07	CHKR B. HAMATAKE	10/29/96		SPECIFICATION, MAX–17 OXYGEN SENSOR
		ENG D. ZITTING	2/15/07		SIZE B · FSCM NO. 1S815 · NUMBER R116P15 · REV F SCALE NONE · SHEET 1 OF 2

R116P15 F





A: NO CONNECTION
B: (+)
C: (−)
D: TEMPERATURE CONTROL

R116P15 F

SIZE	FSCM NO.	NUMBER	REV
B	1S815	R116P15	F
SCALE .50 = 1.0		SHEET 2 OF 2	