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

1. Output:

8.5 to 15.0 mV

- 2. Operation:
 - 1. Temperature: 0° TO 50°C
 - 2. Ambient pressure: 600 1750 mBar
 - 3. Relative Humidity: Up to 100% Rh (Condensing atmosphere over several hours)
- 3. Storage Temperature Range:

-20° to 50° C (-40 TO 70°C Intermittent) 5° to 30° C Recommended

4. Range of Measurement (Full Scale):

0 to 100% oxygen

5. Zero Offset:

Less than 0.20 mV when exposed to to 100% nitrogen for 5 minutes

6. 90% Response Time:

Less than or equal to 15 seconds

7. 96% Response Time:

Less than or equal to 30 seconds

8. Linearity:

± 1% Full Scale Error Maximum

9. Stability:

Less than 0.5% of full scale over an 8 hour period between 20% and 100% Oxygen
Less than 2.0% of full scale output per month when exposed to 21% Oxygen.

REV DCO'S AFFECTING THIS DRAWING DATE APPROVED

A INITIAL REL. # 1643 10/10/00 D. L.

C DCO # 3808 8/23/11 D. L.
UPDATED TEMPERATURES

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10. Repeatability:

 $\pm 1\%$ Volume O_2 at 100% O_2 , applied for 5 minutes

11. Interference: Less than 0.3% 02 response to:

10.0 % CO₂ balance N₂
80.0 % N₂O balance N₂
7.5% Halothane balance N₂
7.5% Isoflurane balance N₂
7.5% Enflurane balance N₂
9.0% Sevoflurane balance N₂
20.0% Desflurane balance N₂

12. Warm-up Time:

Less than 30 minutes after replacement of sensor

13. Nominal Sensor Life:

>1,500,000% O₂ hours

14. Electrical Interface:

3-pin male molex connector (gold-plated pins)

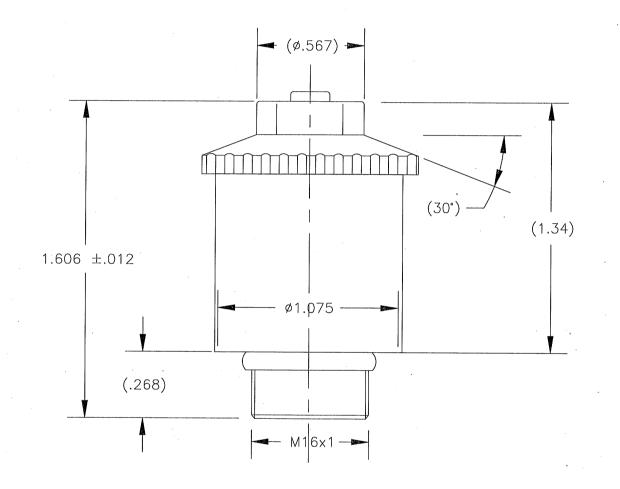
15. Maximum Air leakage Through Sensor:

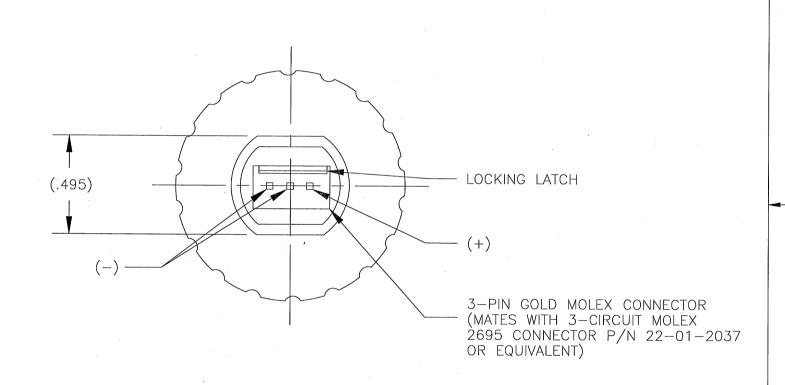
.03 in³ per minute @ 4 inch Hg (5.0 ml/per minute @ 100mm Hg)

JNLESS OTHERWISE SPECIFIED maxtec[®] DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5—1982 SALT LAKE CITY, UTAH 84107 $TOL = \pm .01$ $TOL = \pm .005$ $TOL = \pm .002$ ANGLES SPECIFICATION ±1°30' PREP D. LARSEN 4 MAX-16 OXYGEN SENSOR T. LAVERY 8/15/11 10/9/00 MFG E. MEADS 8/15/11 CHKR D. GOETZ FSCM NO. R114P71 11/6/00 1S815 ENG C. CINDRICH SCALE NONE 8/10/11 SHEET 1 OF 2

PROPRIETARY INFORMATION

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SIZE FSCM NO. NUMBER R114P71 C
SCALE NONE SHEET 2 OF 2

PROPRIETARY INFORMATION