

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

REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 1079	8/4/98	G.P.
C	DCO # 3808. UPDATED TEMPERATURES	8/23/11	D.L.

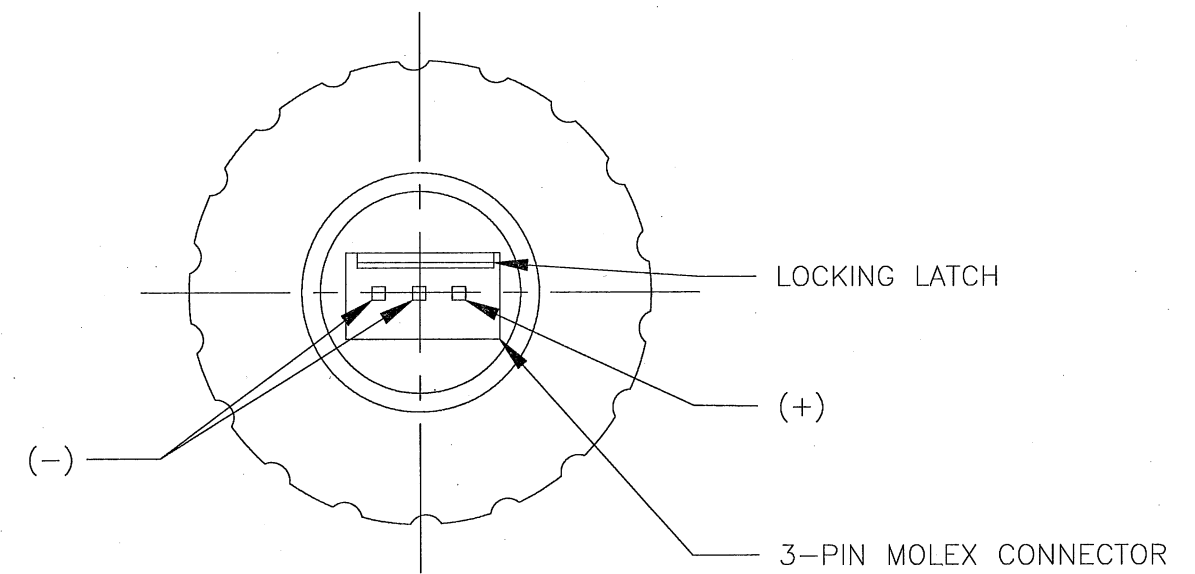
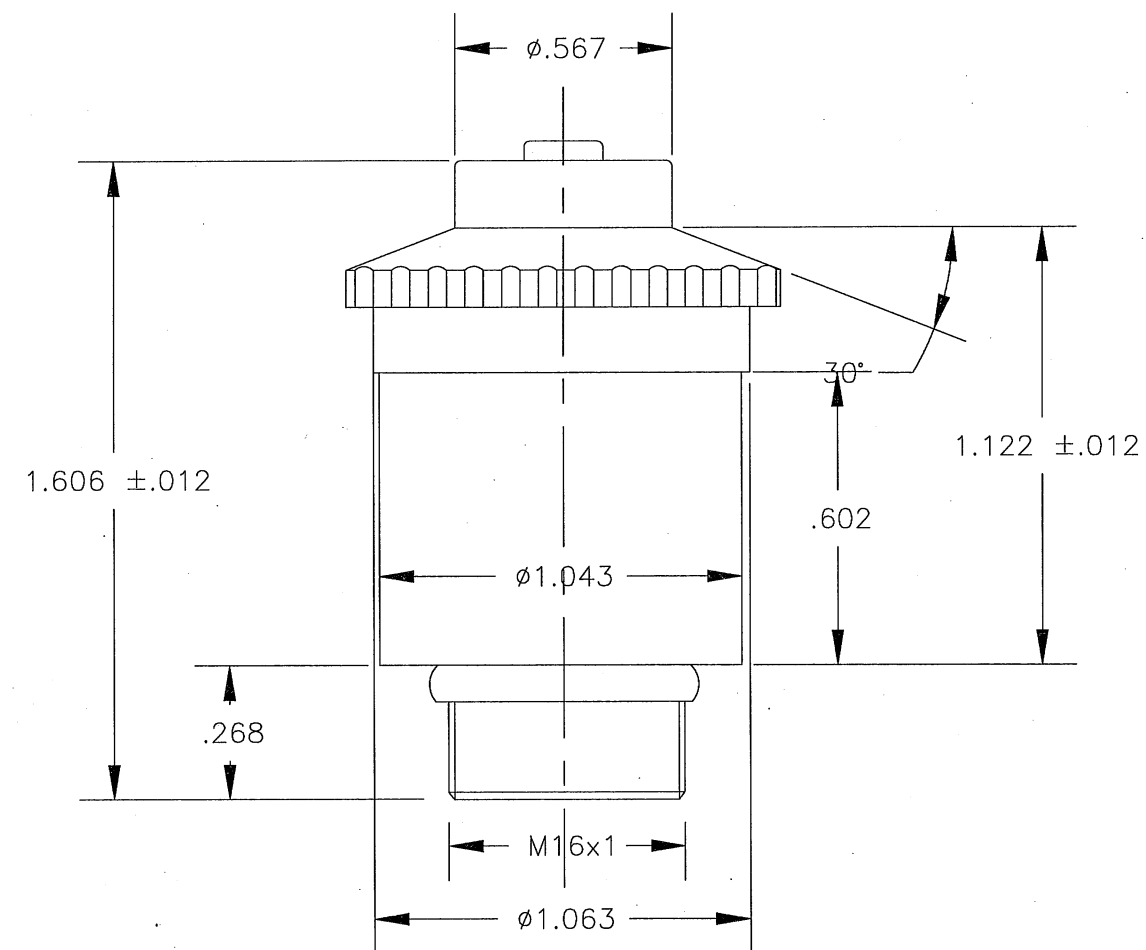
1. Output:
14.5 ± 1.5 mV
2. Operation:

1. Temperature: 0° – 40° 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
5° to 30° C Recommended
4. Range of Measurement (Full Scale):
0 to 100% oxygen
5. Zero Offset:
Less than 0.15 mV when exposed to
to 100% nitrogen for 5 minutes
6. 90% Response Time:
Less than or equal to 13 seconds
7. Linearity:
<2% Relative
8. Stability:
Less than 1% of full scale over an 8 hour period
between 20% and 100% Oxygen
9. Repeatability:
±1% Volume O₂ at 100% O₂,
applied for 5 minutes
10. Interference: Less than 0.5% O₂ 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% Deflurane balance N₂
11. Warm-up Time:
Less than 30 minutes after replacement of sensor
12. Nominal Sensor Life:
>1,000,000% O₂ hours
13. Electrical Interface:
3–pin male molex connector

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982				maxtec® SALT LAKE CITY, UTAH 84119			
TOL = ±.01 TOL = ±.005 TOL = ±.002		ANGLE ±1°30'		SPECIFICATION MAX-12 OXYGEN SENSOR			
QA T. LAVERY	8/15/11	PREP E. CUTLER	4/27/97	SIZE B	FSCM NO. 1S815	NUMBER R109P47	REV C
MFG E. MEADS	8/15/11	CHKR G. POELAKKER	8/4/98				
		ENG C. CINDRICH	8/10/11	SCALE NONE		SHEET 1 OF 2	



SIZE	FSCM NO.	NUMBER	REV
B	1S815	R109P47	C
SCALE 2.0 = 1.0		SHEET 2 OF 2	

PROPRIETARY INFORMATION

R109P47