

ALL CHARACTERISTICS ARE BASED ON CONDITIONS AT 25°C, 50% RH AND 1013 hPa

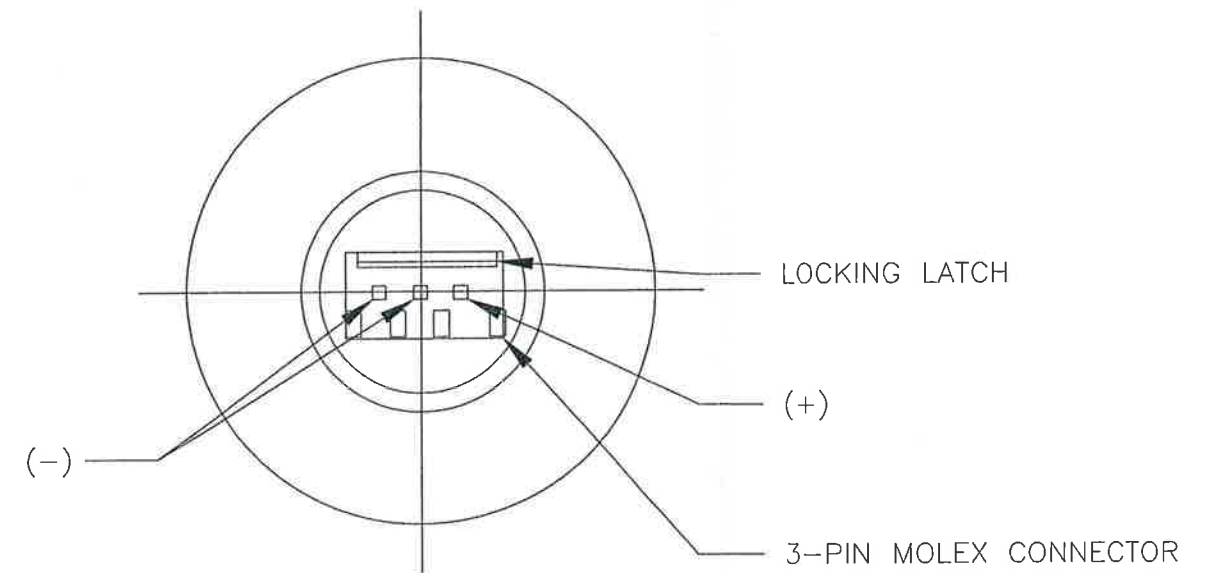
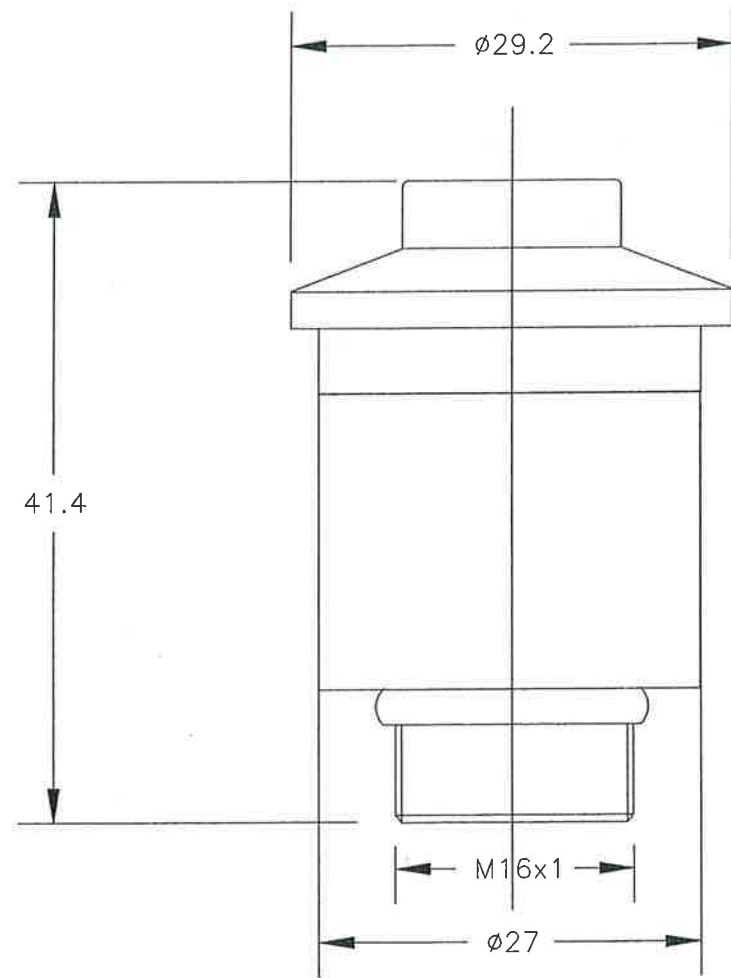
REV	DCO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. # 3346	4/5/10	<i>[Signature]</i>

1. Output:
Signal Delivery Condition: 10.5 – 13.5 mV @ dry ambient air
Signal Range: 5–15 mV @ dry ambient air
2. Operation:
 1. Temperature: 0° – 45° C
 2. Pressure Range: 750 – 1250 hPa
 3. Influence of Humidity: –0.03% rel. O₂ reading / % RH
3. Storage Temperature Range:
–15° to 60° C
5° to 30° C Recommended
4. Range of Measurement (Full Scale):
0 to 100 Vol %
5. 90% Response Time:
<5 seconds
6. Linearity Error:
0–2% oxygen: ± 0.1% absolute
2.1–35% oxygen ± 0.5% relative
7. Stability:
<1% / month, averaged across 12 month
8. Interference: <20 ppm O₂ response to:
 - 100 Vol. % CO
 - 100 Vol. % CO₂
 - 3,000 ppm NO, balance N₂
 - 1,000 ppm H₂, balance N₂
 - 100 Vol.% C₃H₈
 - 2,000 ppm H₂S, balance N₂
 - 500 ppm SO₂, balance N₂
 - 1,000 ppm Benzene, balance N₂
9. Nominal Sensor Life:
>1,200,000 Vol.% h
10. Electrical Interface:
3–pin molex connector

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 APR 13 2010
EFFECTIVE DATE
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982		mextec [®] SALT LAKE CITY, UTAH 84107	
TOL = ±.01	ANGLE	SPECIFICATION MAX-80i OXYGEN SENSOR	
TOL = ±.005	±1'30"		
TOL = ±.002			
PREP LARSEN	4/5/10	SIZE B	FSCM NO. 1S815
CHKR <i>[Signature]</i>	4/8/10	NUMBER R113P12	REV A
MFG <i>[Signature]</i>	4/8/10	SCALE NONE	SHEET 1 OF 2

QA INSP 14
[Handwritten signatures and dates]
 04/08/10



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SIZE	FSCM NO.	NUMBER	REV
B	1S815	R113P12	A
SCALE 2.0 = 1.0		SHEET 2 OF 2	