1. Output:

   8.0 to 13.0 mV in air at 1013 milibar pressure, 50% RH and 25˚C

2. Operating Temperature:

   10˚ to 40˚C

3. Maximum Storage Temperature:

   -20˚ to 50˚C

4. Optimal Storage Temperature:

   5˚ to 30˚C

5. Range of Measurement (Full Scale):

   0 to 100% oxygen

6. Zero Offset:

   < 0.3 mV in 100% nitrogen after 5 min.

7. 90% Response Time:

   Less than or equal to 12 seconds at 25˚C

8. Linearity:

   < 3% when calibrated in 100% oxygen

9. Interference:

   According to DIN EN ISO 80601-2-55

10. Expected Life:

    >1,000,000% - oxygen-hours under normal operating conditions.

11. Humidity:

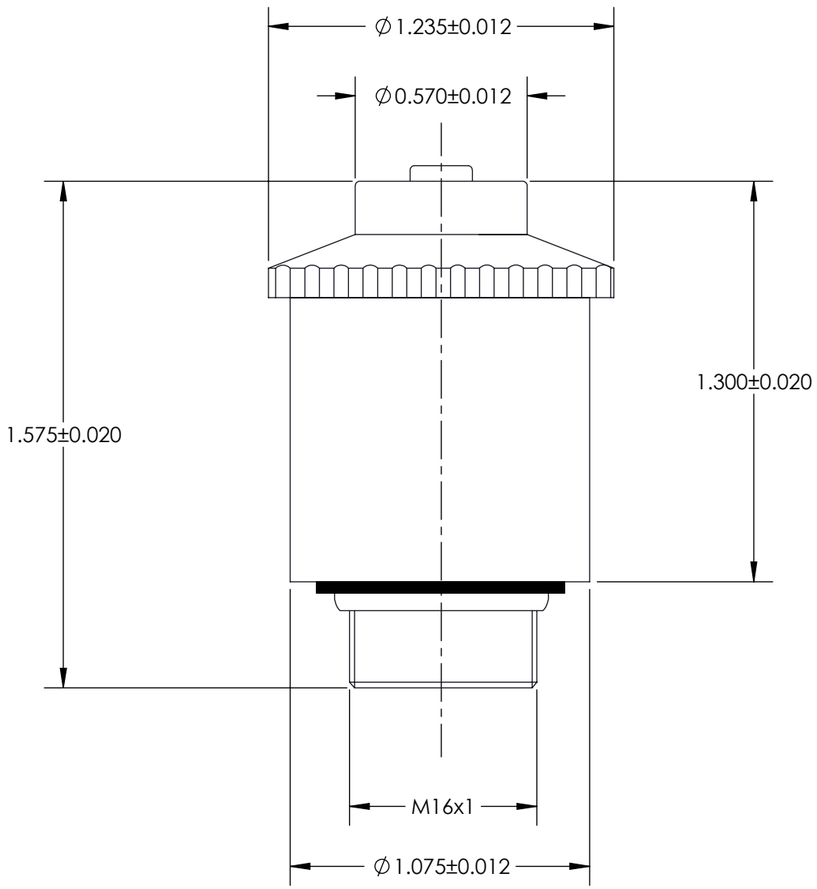
    Up to 100% Relative Humidity non-condensing

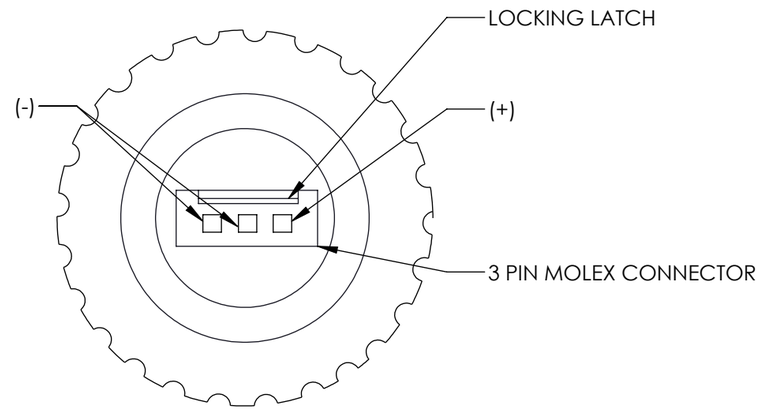
12. Electrical Interface:

    3-Pin Molex



| REVISION DETAIL | maxtec® SALT LAKE CITY, UTAH | SPECIFICATIONS, MAX-12C OXYGEN SENSOR |
|---|---|---|
| REMOVED STABILITY NOTE AND REPLACED INTERFERENCE INFORMATION WITH "ACCORDING TO DIN EN ISO 80601-2-55" | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ASME Y14.5-2009<br>.XX = ± .01 ANGLES ±0° 30'<br>.XXX = ± .005<br>.XXXX= ± .002 | SIZE B · DWG. NO. R109P54 · REV E |
| | DRAWN BY: Z. HANSEN · DATE: 8/6/18 | SCALE: 1:1 · SHEET 1 OF 2 |




| SIZE | DWG. NO. | REV |
|---|---|---|
| B | R109P54 | E |
| SCALE: NONE | SHEET 2 OF 2 | |