

# 99016: 0-25.0% O<sub>2</sub>

## Calibration & Repeatability Testing

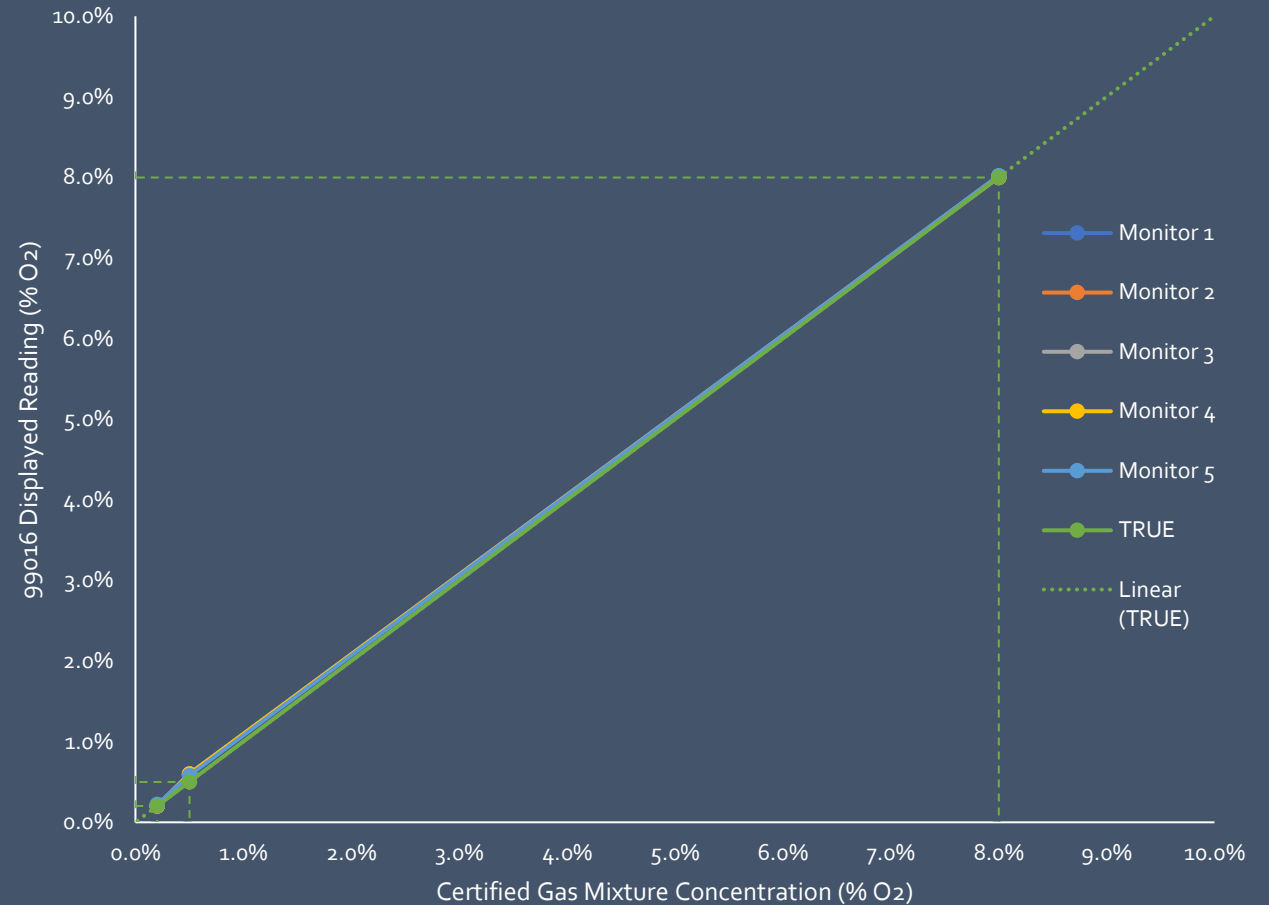
# Factory Calibration

- Monitor is factory calibrated using 3 separate gases:
  - 99% N<sub>2</sub>
  - 8% O<sub>2</sub>
  - 20.9% O<sub>2</sub>
- Can be field calibrated as required using only ambient air (20.9% O<sub>2</sub>)
- Can be field calibrated with AutoCal\*

Note: PureAire cannot supply calibration gas

\* AutoCal is only available on V5.0 and later monitors

99016 0-25% O<sub>2</sub> Readings



# Field Calibration

## Normal Calibration

- While the sensor is in an ambient, breathable atmosphere:
- Adjust the sensor span manually by toggling the joystick until the monitor reads 20.9% O<sub>2</sub>

## AutoCal<sup>‡</sup> Calibration

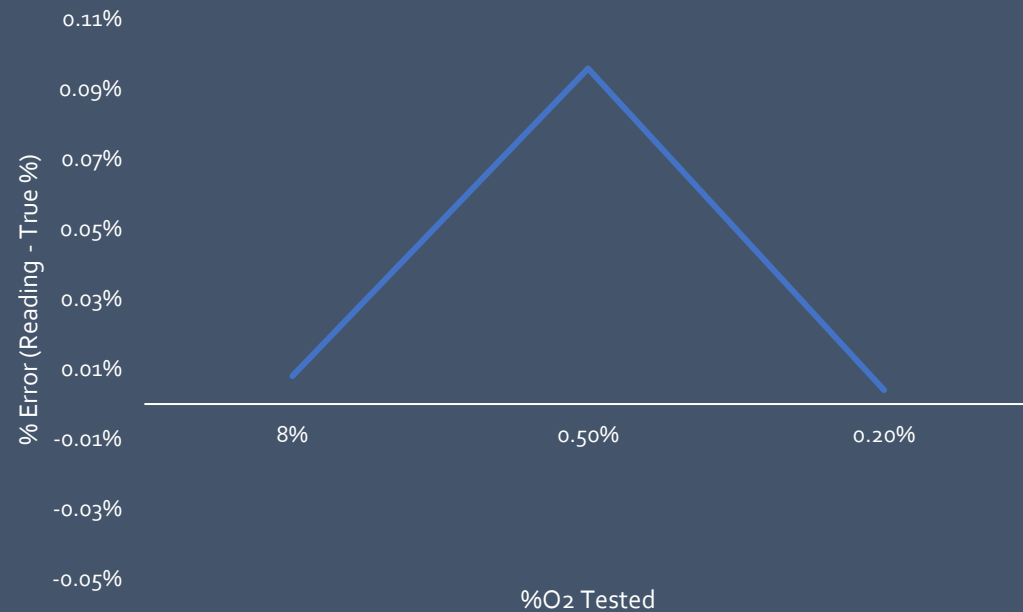
- Navigate to AutoCal Percent menu
- Press to automatically calibrate unit to 20.9%

<sup>‡</sup> AutoCal is only available in V5.0 and later units.

# Accuracy

## Overall Average

Average of Five (5) 99016 0-25% O<sub>2</sub> Monitors, Error (Reading - True %)



## Individual Accuracy

99016 0-25% O<sub>2</sub>, Error (Displayed Reading - True % O<sub>2</sub>)

