



## Oxygen Deficiency Monitor

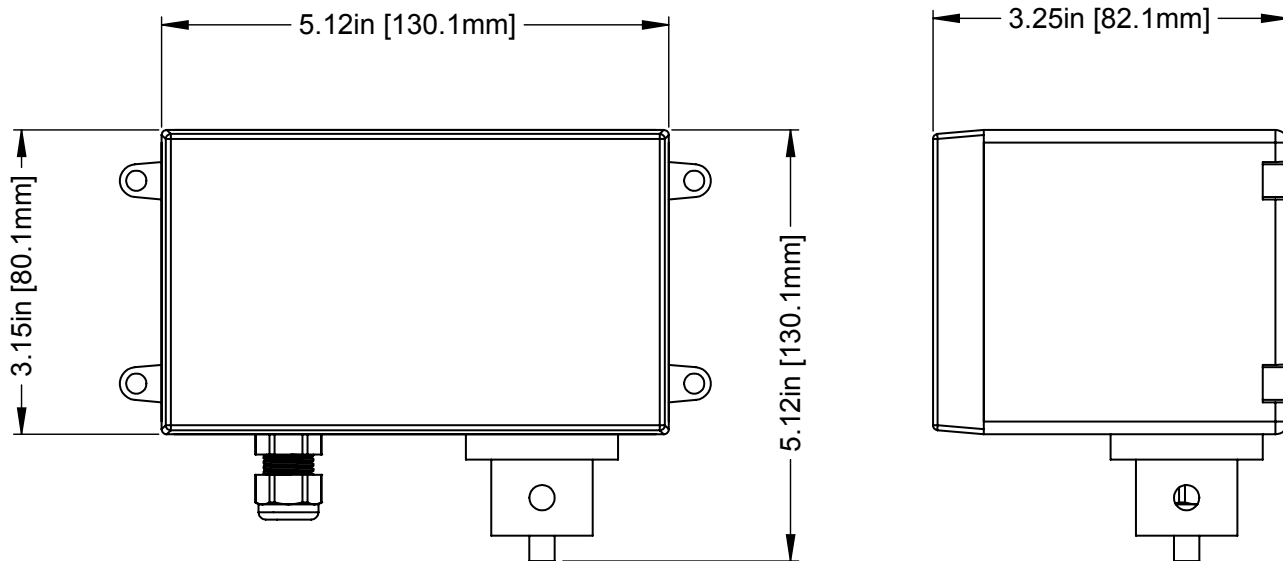
The 3004 Series Oxygen Deficiency Monitor is a compact system that is ideal for the continuous monitoring oxygen levels in any area where inert gases or confined space may produce a hazardous reduction in the oxygen content of the air. This system should be installed in gas storage and use areas, cryogenic freezer rooms, laboratory or industrial locations where liquefied or compressed gases may accumulate and pose a hazard of asphyxiation as required by OSHA 29 CFR 1910. The monitor features two set points with independent relays to accommodate multiple threat level notification. The unique long lasting zirconium sensor provides accurate and rapid response to changes in oxygen concentration over a wide range of temperature and humidity conditions and does not drift due to weather or temperature.



### Specifications

<b>Gases Detected</b>	Oxygen	<b>Width</b>	5.5 in (140 mm)
<b>Range</b>	0-25%	<b>Height</b>	3.5 in (89 mm)
<b>Accuracy</b>	±1% of full scale	<b>Depth</b>	3.25 in (83 mm)
<b>Operating Temperature</b>	-40 to 55°C	<b>Weight</b>	1.6 lb (0.8 kg)
<b>Display</b>	3/4" LCD digital display, back lit	<b>Enclosure</b>	NEMA 4x (electronics and sensor)
<b>Sensor Type</b>	Long life zirconium oxide sensor cell	<b>Required Calibration</b>	None
<b>Sensor Life</b>	10 years under normal conditions		
<b>Signal Outputs</b>	4-20 mA analog output		
<b>Power Requirements</b>	100 mA without relays - 500 mA with relays		

### Installation Dimensions



### Ordering Information

Order No.	Description	Housing	Weight
580 3004	Oxygen Deficiency Monitor with 120VAC/24 VDC power supply	NEMA 4x (electronics and sensor)	1.6 lbs (0.8 kg)
580 3005	Remote Display 4-20 mA	NEMA 4x	0.5 lbs (0.23 kg)
580 3006	Horn and Strobe Red 80-100 dB	NEMA 4x	1.0 lbs (0.45 kg)