



Gas Detection For Life

FAQ

April 6, 2018

What vertical position should I install an oxygen gas detector?

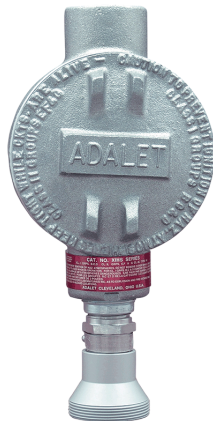
There are no standards for placement of O₂ sensors, or for gas sensors in general for that matter. Think of the sensors like a smoke detector. The sensor responds to what is immediately around the sensor. In the case of using an oxygen sensor to detect the level of oxygen as it is displaced by another gas, the inert gas has to migrate to the sensor from the source. So, when placing sensors, the following variables must be taken into account.

- Source location of gas
- Ventilation pattern
- Size of area
- Layout of area
- Desired speed of response
- Density of the gas. Some inert gases (argon or helium) are lighter than air, nitrogen is virtually the same density as air, so for nitrogen you would want to locate the sensors in the breathing zone (4 - 6 ft. above the floor), but again ventilation must also be taken into consideration

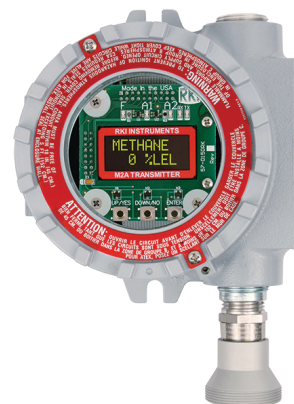
Oxygen Monitoring Solutions



OX-600



S2



M2A