

Gas Delivery Systems & Leak Prevention

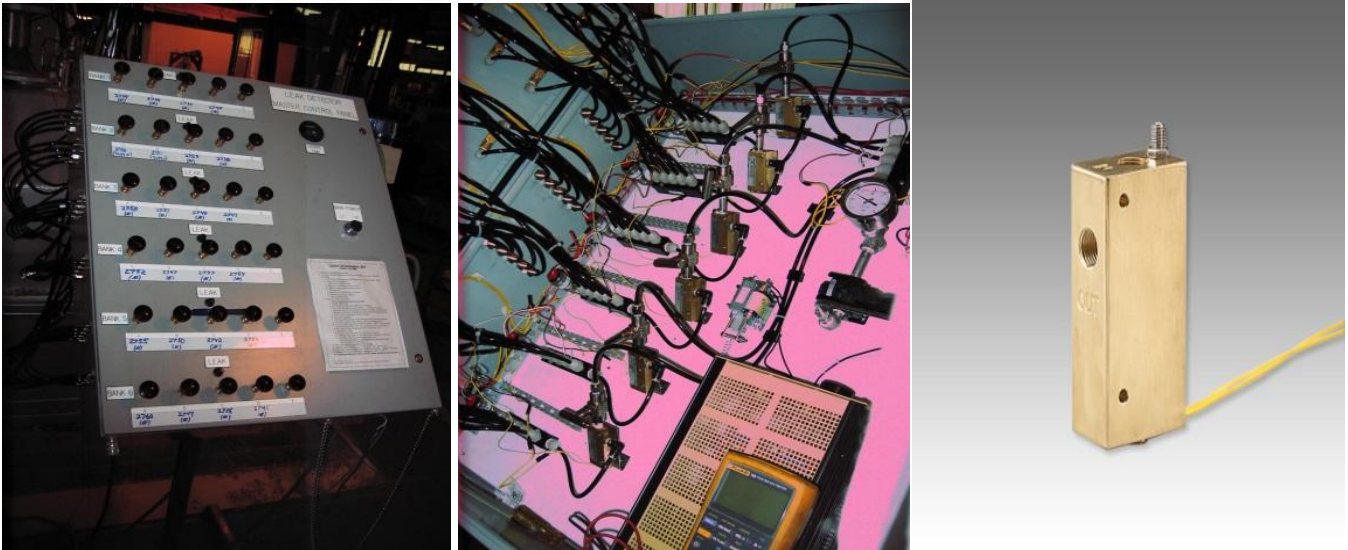
Gas distribution lines are a major component in many industries where natural gas, propane, hydrogen, ethane, methane, specialty gases flow. Depending on the type of gas, the implications of a leak are serious and in some cases can be cataclysmic. The good news is certain measures can be put into place to lower the risk of an incident, and a gas flow monitor is an excellent one.

Gas Delivery Systems

In a [gas delivery system](#), line size, line pressure, and flow rates change from starting point to end point. Large diameter pipes and higher flow rates are nearest to the gas source while the smaller diameter pipes and lower flow rates are found at the point of use. Flow monitors are used throughout the system to confirm sufficient flow of gas is reaching the end point as well as monitoring any changes in the flow or pressure in the line.

Leak Prevention: ChemTec's 125 Series Flow Monitor

ChemTec customers have long found better results using flow monitors in gas delivery systems. Devices like our 125 Series Monitor employ a magnetic piston that floats in the gas stream. When the flow rate decreases below the calibration point (as happens when a leak reduces back pressure), the switch is de-actuated signaling an alarm. The 125 Series flow monitor detects a low-flow/no-flow condition, which means they can do double-duty, detecting blocked pipes or filters as well as sensing leaks. ChemTec's 125 Series flow monitor is also adjustable.



Left to right: Control panel; Gas delivery lines inside panel; ChemTec's 125 Series shown in brass.

Order Your ChemTec Product Today!

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