

TECH BRIEF

LOW PRESSURE FLARE TRANSDUCER LOCATION

Having an on/off or control valve at the inlet of a control device is important for efficient combustion. However, the way in which that valve is controlled is critical. In this example, the pressure transducer that controls that valve at times sees stagnation pressure (when the valve is closed), but at other times is reading static pressure (when the valve is open). This can lead to valve confusion. Use of a pitot tubes can be useful, but the best solution is to place the transducer on the equipment that you are trying to control (in this case, tanks).