

PFS Classical Venturi (CV)

Brand: Primary Flow Signal



Short Description

1.00% to 1.50% Uncalibrated Uncertainty Clean Liquids, Gases Line Size: 2 to 48 inches Head Loss % of Differential: 10 to 25 percent Recommended Pipe Reynolds Number: Greater than 200,000 for basic accuracy. Consult PFS for lower Reynolds use.

Description

The Classical Venturi flow meter design provides longer lasting accuracy and lower permanent pressure loss than orifice and nozzle style meters, reducing maintenance and operating costs. The Classical Venturi meter design is suitable for flow rate measurement of clean liquids, gases, and steam, particularly if low pressure loss is desired. Classical Venturi flow meter design provides longer lasting accuracy and lower permanent pressure loss than orifice type meters, reducing maintenance and operating costs. This meter is suitable for flow rate measurement of aggressive and non-aggressive liquids, gasses, and steam especially if low pressure loss is desired. The Classical Venturi flow meter restricts the flow at its throat, increasing the velocity of the fluid, and measures the pressure difference of the unrestricted flow and restricted flow. The meter's throat can be designed to meet the flow measurement application optimizing the meter's accuracy and permanent pressure loss. The Classical Venturi flow meter restricts the flow at its throat, increasing the velocity of the fluid, and measures the pressure difference of the unrestricted flow and restricted flow. The meter's throat can be designed to meet the flow measurement application optimizing the meter's accuracy and permanent pressure loss.