

PFS Fabricated Venturi Low Flow Meter (FV-LF)

Brand: Primary Flow Signal



Short Description

0.50% Uncalibrated Uncertainty Low Reynolds, Lower Loss Line size: 3/8 to 12 inches Head loss % of Differential: 20.0 to 40.0 percent Recommended pipe Reynolds number: Greater than 6,000 for basic accuracy The Fabricated Venturi Low Flow Meter is a specially designed meter combining performance elements of both orifice and venturi type devices and provides an accurate solution for wide range flow applications.

Description

Based on the highly successful PFS HVT design, which performs exceptionally down to 75,000 Reynolds, the FVLF low flow meter further increases the stable range of accurate flow measurement down to 6,000 Reynolds. The trade off for increased low flow stability is an increase in overall pressure loss, however unlike an orifice device, there is significant pressure recovery in the outlet divergent region of the FVLF leading to considerably less overall pressure loss than an orifice plate type meter.