

# PFS ISA 1932 Flow Nozzle

**Brand:** Primary Flow Signal



## Short Description

0.80% to 1.20% Uncalibrated Uncertainty Liquids and Gases, Lower uncertainty Line  
size: 2 to 20 inches Head Loss % of Differential: 30 to 85, Beta Dependent

Recommended Minimum Pipe Reynolds Number: Must be greater than 20,000 for basic  
accuracy

## Description

The ISA 1932 flow nozzle is generally used for the measurement of liquid or gas flows including steam, erosive, high-velocity and non-viscous media. They do not rely on a sharp edge (which can deteriorate over time) to maintain accuracy and therefore offer excellent long-term accuracy with less wear, reducing the possibility of distortion. They are often used for high accuracy flow measurement in power plant applications. The ISA 1932 flow nozzle is capable of measuring higher flow rates, often double, than an equivalent orifice plate at the same differential pressure. The flow nozzle is available in various designs including mechanically clamped between flanges or permanently welded directly into the pipe line.