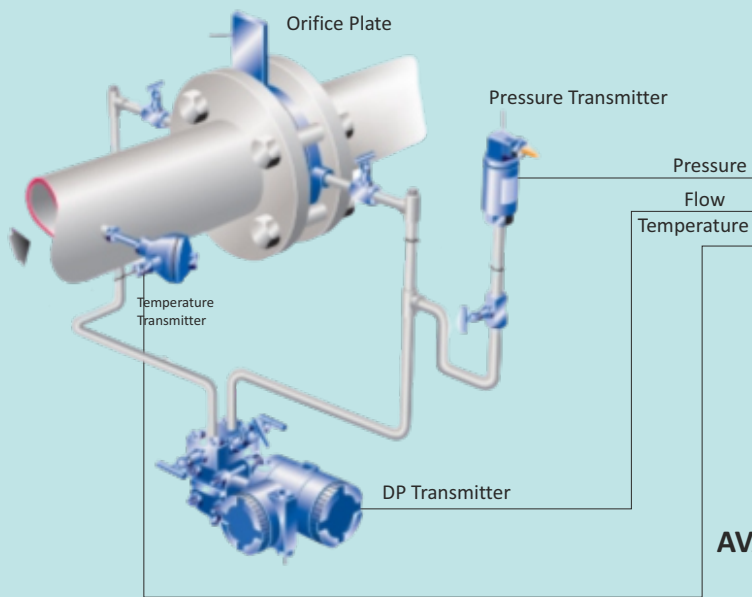


## ORIFICE FLOW MONITORING SYSTEM



AVAILABLE SIZE: 1/2", 1", 1.5", 2", 3", 4", 6", 8", 12"

## ORIFICE FLOW METERING

Com. Protocol- RS-485 / Ethernet TCP/IP / Wireless RF / WI-Fi / Bluetooth.

## Introduction

An Integral Orifice Plate Assembly Is Integrally Mounted With The Measuring Instrument. It Is Compact And Complete Flow Meter Device Without Need Of Impulse Piping. The Assembly Includes Integral Orifice Plate, Bodies, Stud, Nut & Gasket Bodies With Socket Weld Or Threaded End Connections Are Available With Upstream & Downstream Piping With Flanged Ends Are Also Available. The Orifice Plate With Flange Assemblies Are Employed For Measuring The Rate Of Flow Or Quantity Of Moving Fluids Like Liquids, Gases Or Steam.

## Technical Specification

|                 |                                      |
|-----------------|--------------------------------------|
| ORIFICE PLATE   | SS 316/ SS 304/ MONEL                |
| FLANGES         | ASTM-A-105/A 182/SS 316/SS 304/MONEL |
| TYPE OF TAPPING | FLANGE TAPS/CORNER TAPS/RADIUS TAPS  |
| TYPE OF FLANGES | WELD NECK/SLIPON/SOCKET-WELD         |
| OPTIONAL        | IBR APPROVED FLANGES                 |
| LINE SIZE       | 15 NB TO 600 NB                      |
| SIZE OF TAPS    | ½ INCH NPT (F)                       |
| STUDS / BOLTS   | ASTM-A-193 GR B7                     |
| NUTS            | ASTM-A-193 GR 2H                     |
| GASKET          | SPIRAL WOUND/CAF/TEFLON              |

## Orifice Assembly



Orifice Meter Run



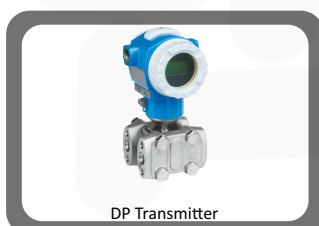
Orifice Plate



Condensate POT



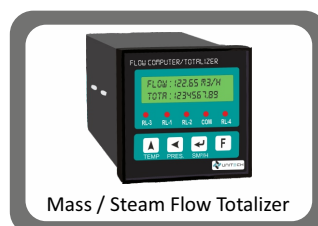
Pressure &amp; Temperature Sensor



DP Transmitter



3 Way Manifold Valve



Mass / Steam Flow Totalizer



Volumetric Flow Totalizer