FPD470F ABB Flow Meter Wedge Meter Flow Element

Basic Information

- Brand Name: ABB
- Model Number: FPD470F

Product Specification

- Accuracy: High
- Communication Protocol: HART, PROFIBUS, FOUNDATION Fieldbus
- Fluid: Gas, Liquid
- Installation Type: In-line, Insertion
- Material: Stainless Steel, Alloy Steel, Titanium
- Measuring Principle: Differential Pressure
- Output Signal: 4-20mA
- Pressure Range: 0-100Bar
- Process Connection: Flange, Thread, Sanitary
- Product Name: ABB Flow Measurement Products
- Product Type: Flow Measurement
- Range: Wide
- Temperature Range: 0-150
- Warranty: 1 Years
- Highlight: **FPD470F ABB Flow Meter**,

Product Description

Wedge meter flow element FPD470F

The FPD470F is a wedge meter with DP connections for flanged remote seals. The flow element consists of a body and wedge flow restriction. This restriction creates a differential pressure in proportion to the square of the volumetric flow rate.

Overview

The FPD470F wedge restriction has no critical surface dimensions, or sharp edges, that will affect measurement accuracy as the result of normally expected wear.

Data

Our Clients:

Honeywell 霍尼韦尔　ABB　上海电气 SHANGHAI ELECTRIC　ZKH 震坤行　Andanda　MGM MULTI GAS MEDIKA

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Our Partners:

上海交通大学 SHANGHAI JIAO TONG UNIVERSITY　富士康 FOXCONN　迈邦生物 MediumBank　比亚迪汽车 BYD AUTO

Measures liquids, gas and steam

High Accuracy ±0.5 % of rate

Bi-directional flow

Low Reynolds number measurement (as low as Rd 500)

Minimum upstream and downstream piping requirements

Standard sizes 1.5 to 24 inch

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