

## FPD470C Wedge Meter Flow Element ABB Flow Measurement Products

### Basic Information

- Brand Name: ABB
- Model Number: Wedge meter flow element FPD470C



### 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: **abb wedge type flow meter.**

## Product Description

### Wedge meter flow element FPD470C

FPD470C wedge meters have DP connections for Chemical Tee 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 FPD470C wedge restriction has no critical surface dimensions, or sharp edges, that will affect measurement accuracy as the result of normally expected wear.

#### Data

Inner training, pre-shipment training, onsite commissioning, onsite training—Focus on detail and complete



#### Our Clients:



#### Our Partners:



Measures liquids, gas and steam

High Accuracy  $\pm 0.5\%$  of rate

Bi-directional flow

Low Reynolds number measurement (as low as Rd 500)

Minimum upstream and downstream piping requirements

Standard sizes 0.5 to 24 inch

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