

FPD470P ABB Wedge Meter Flow Element With High Accuracy

Basic Information

- Brand Name: ABB
- Model Number: FPD470P



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: **20ma abb wedge meter .**

Product Description

Wedge meter flow element FPD470P

The FPD470P is a wedge meter with threaded DP connections for connection to conventional transmitters. 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 FPD470P 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:



Our Partners:



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



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 1 to 24 inch

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