

FPD220 ABB Flow Meter Double Block And Bleed, Dual Chamber Orifice Fitting

Basic Information

- Brand Name: ABB
- Model Number: Double block and bleed, dual chamber orifice fitting FPD220



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: **FPD220 ABB Flow Meter,**

Product Description

Double block and bleed, dual chamber orifice fitting FPD220

FPD220 is dual-chamber orifice fitting with double block and bleed (DBB) isolation, suitable for fiscal (custody transfer) applications. These fittings enable orifice plates to be safely inspected and / or replaced without removing the fitting itself from the pipeline.

Overview

A dual-chamber orifice fitting with double block and bleed (DBB) isolation, suitable for fiscal (custody transfer) applications in locations where

- proven isolation is required and
- pipeline will not/cannot be shut down (or bypassed and isolated) or depressurised for service

FPD220 offers dual isolation, with two independent chamber seals, ensuring **maximum safety** during live orifice plate changes or during routine inspection. This is visually confirmed by two pressure gauges integrated into the unit.

Data

Proven Dual isolation (DBB) of the process from the environment during orifice plate changes

- no need to isolate the complete metering stream

Minimized venting of gas volume

- only the small volume contained within the meter upper chamber is vented

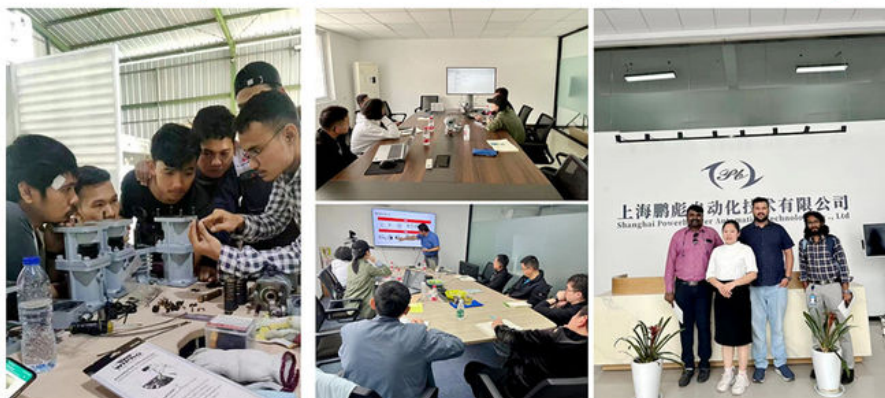
Substantial saving in operating costs and production

- potential annual savings of \$50k per stream in reduced downtime
- typically only 30 minutes to exchange a plate instead of many hours

Elimination of parallel streams or bypass lines

- less maintenance and less inspection time
- reduced weight and cost
- a higher level of visible safety

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



Our Clients:



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