

ABBON 3PM-SX Meter Specification



- **Operating Pressure** Up to 5,000 psi
- **Operating Temperature Range**
 - Flow Temperature 0 °C - 120 °C
 - Ambiente Temperature -30 °C - 70 °C
- **Flanges/connections** Grayloc or ANSI (standard), other types on request
- **Field electronics**
 - ABBON Front-End Electronic Intrinsicly safe; Ex ia op is IIB T3 Ga
 - ABBON Flow Computer Proprietary flow computer with embedded SW solution including power supply for meter in 19" rack or rugged safe zone enclosure
 - AFC-3PM Optionally Exd approved housing for hazardeous zone
- **Sensors**
 - Redundant Dual Impedance Sensors for Permittivity and Conductivity
 - Standard MVT (Mutivariable Transmittter) for DP, P, T
- **Power**
 - Power supply 90-265 VAC / 24 VDC
 - Power consumption Typically 1W (Metering Unit), 12W (Flow Computer)
- **Outputs/Com-ports**
 - Protocol RS 485, Ethernet
 - MODBUS RTU / TCP
- **User Interface Software ACS-3PM**
 - ABBON Client Software 3PM, Monitoring, Diagnostic, Visualization; Stand-alone or web-based
- **Dimensions**
 - Available sizes 2-inch, 3-inch and 4-inch (other sizes on request)
 - Length 500 mm (3-inch meter)
 - Weight 140 kg (3-inch meter)
- **Standard Materials** Duplex or Inconel (H₂S Service) Other material on request
- **Typical Uncertainties**
 - In compliance to ISO Guides 98-1 / 98-3
 - Water Liquid Ratio (absolute) 3-5%*
 - Liquid Flow Rate (relative) 5%
 - Gas Flow Rate (relative) 8-10%*
 - *depending on GVF range
- **Typical Operating Range** 0% to 95% GVF, 0% to 100% WLR, QLiQ 200 bbl/d to 50,000 bbl/d (depending on meter size and GVF)
- **Installation** Vertical / In line type Skid mounted on request



ABBON Flow Computer
AFC-3PM



ABBON Client Software
ACS-3PM Stand-alone
or web-based





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