

Bristol Babcock 3808 MVT Smart Multivariable Transmitter



The 3808 MVT P/T version provides very accurate corrections for custody transfer applications using ultrasonic and other linear meters.



The 3808 MVT with DP/P/T measurement is ideal for custody transfer meter stations using orifice meters.

Features

INSTALLATION/PERFORMANCE:

- Excellent reference accuracy: 0.075% URL
- Excellent performance over pressure and temperature:
 - Static pressure effect on DP:
Zero Error: 0.1% URL/1000 psi
Span Error: 0.1% Reading/ 1000 psi
 - Temp Effect: 0.18% URL/60 C
- Bidirectional DP measurement
- Excellent long-term stability: at least one year, 0.1% URL
- Very low power consumption: less than 2 mA @ 5 Vdc
- Operates in hazardous areas – Intrinsically safe and Explosion Proof; Class I, Division 1 and approved

USER INTERFACE/NETWORKING:

- Bilingual communication via BSAP and Modbus protocols over two-wire, RS 485 network
- RS 232 port for calibration
- Optional 4 – 20 mA output with FSK communication (alternative to RS 232/485)
- Simple calibration/configuration via PDA or PC web pages
- Optional 4 ½ digit LCD with low power, continuous service