

Maximize Wellhead Measurement Performance with the New Rosemount 4088 MultiVariable Transmitter

The Challenge

It can be very difficult to accurately monitor flow from a plunger lift well due to surges in gas flow. Now with the innovative Rosemount 4088 MultiVariable Transmitter, you can. With features like Extended Range, you can more effectively manage changing well conditions to optimize accuracy. This high level of accuracy, combined with unmatched functionality, will allow you to maximize profits over the life of your well.

Rosemount 4088 MultiVariable Transmitter

Extended range for plunger lift

- Utilizing a new sensor technology, a 250 inH₂O URL sensor is able to read peak flows up to 800 inH₂O. This provides high performance over the standard flows below 250 inH₂O, and also captures the pressure spikes in plunger lift applications that would be missed by a traditional sensor.

Enhanced performance option

- Delivers $\pm 0.05\%$ reading accuracy specification over an extended range of conditions, even at lower flows
- Offers a 10-year stability specification that guarantees long term measurement accuracy

Multiple output protocols

- Flexible communication with MODBUS® or Bristol® Standard Asynchronous/Synchronous Protocol (BSAP)/MVS
- Increased speed and efficiency with baud rates up to 19200

Flexible configuration

- Maintenance and configuration tasks can be easily completed with access to intuitive HART® configuration tools, legacy configuration methods, or configuration through a flow computer

Writable display

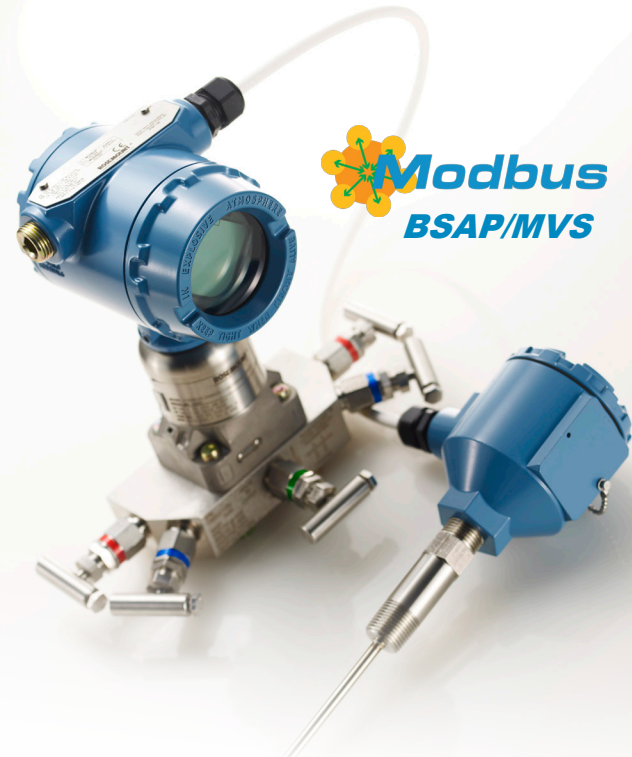
- Provides at-a-glance application and system data

Advanced temperature measurement

- Features sensor matching with Callendar-Van Dusen constants that defines unique RTD characteristics for improved compensation

Seamless transition from legacy devices

- To ensure a smooth transition from Rosemount legacy products, the Rosemount 4088 will seamlessly replace legacy devices, minimizing sensor downtime and reducing engineering and installation costs.



Specifications

Accuracy

$\pm 0.05\%$ reading

Temperature Effect

$\pm 0.15\%$ reading

Static Pressure Effect (per 1000psi)

Zero: $\pm 0.05\%$ URL

Span ± 0.1 reading

Full Range of Safety Certifications



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