

Rosemount 4088B

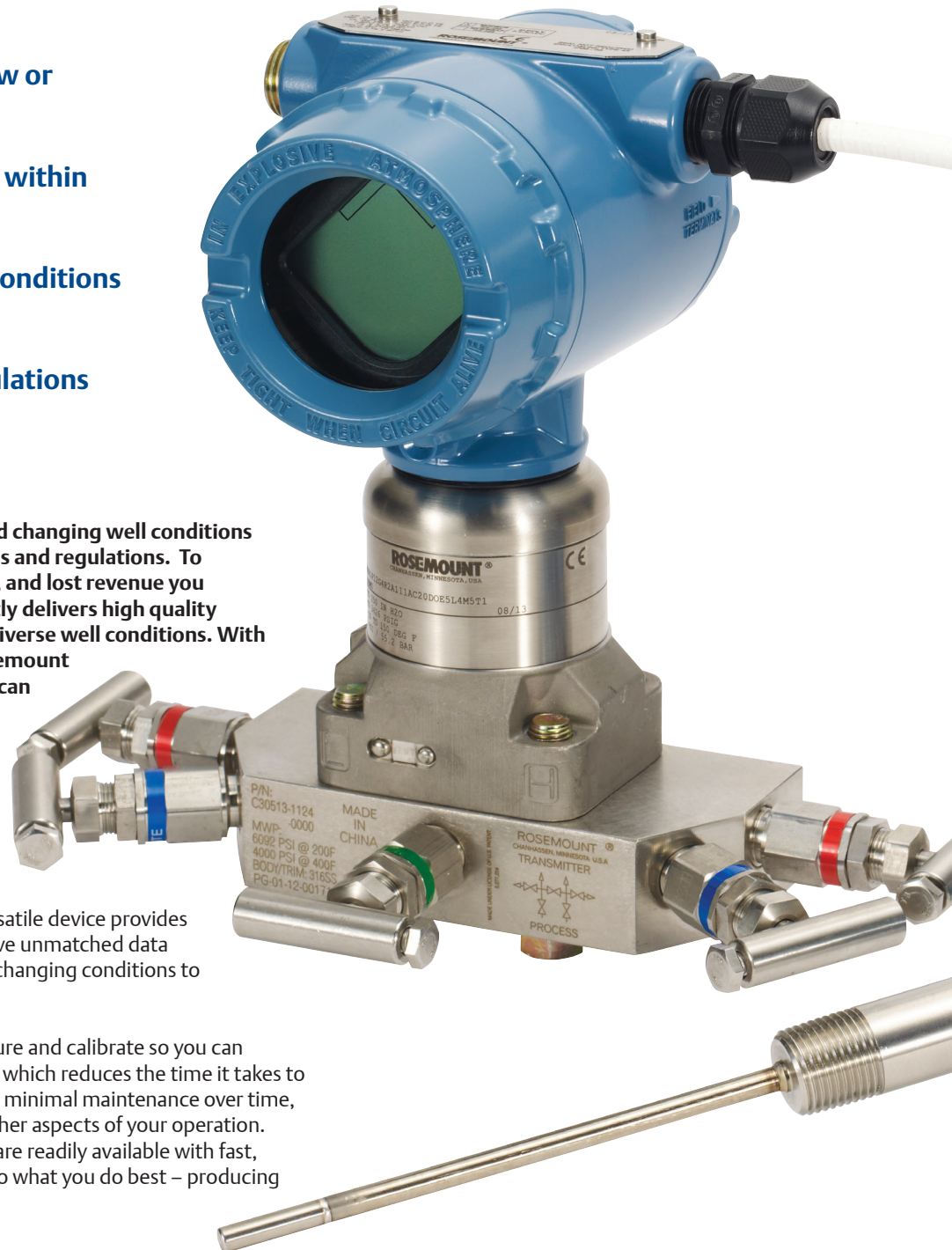
MultiVariable™ Transmitter

- Easily intergrate with new or existing flow computers
- Operate on schedule and within budget
- Measure changing well conditions more accurately
- Meet measurement regulations and standards

Measurement performance issues and changing well conditions can make it difficult to meet standards and regulations. To avoid penalties, leaseholder disputes, and lost revenue you need instrumentation that consistently delivers high quality measurements and performs under diverse well conditions. With the reliability and stability of the Rosemount 4088B MultiVariable Transmitter, you can rely on a single, user-friendly device to get enhanced performance over the life of your well.

The innovative Rosemount 4088B MultiVariable Transmitter answers the challenges in all Oil & Gas markets so you can maximize your measurement accuracy and output efficiency. This versatile device provides a reliable, stable signal so you can achieve unmatched data accuracy and more effectively manage changing conditions to optimize profits.

The Rosemount 4088B is easy to configure and calibrate so you can quickly install new measurement points which reduces the time it takes to get up and running. The 4088B requires minimal maintenance over time, so your crew can focus on optimizing other aspects of your operation. When issues do arise, Emerson experts are readily available with fast, thorough support so you can get back to what you do best – producing and maximizing profit.



Easily Integrate with New and Existing Emerson Flow Computers

The 4088B MultiVariable Transmitter delivers multiple output protocols utilizing either MVS protocol or BSAP protocol. The flexible communication of the 4088B is designed for easy integration with a new or existing system and will “auto-detect” either protocol to allow for easy configuration of the device.

The MVS protocol for the 4088B allows for ease of use when connected directly to a ROC or FloBoss™ flow computer. The 4088B provides an interface that supplies differential pressure, static pressure and temperature to the RTU and/or flow computer. Six 4088B devices can be wired directly to the MVS I/O module when using the FloBoss 107 and up to 12 devices can be directly wired when using the ROC800-Series. This tight integration allows for a seamless communication link between the RTU/flow computer and the 4088B transmitter.

The BSAP protocol for the 4088B ensures complete capability with ControlWave® products by providing a complete set of user/host interface functions. The 4088B delivers easy installation so that a customer can utilize any RS-485 port of a ControlWave product.

Utilizing the new OpenEnterprise™ Field Tools device configurator, the user can perform all needed configuration, verification and maintenance by way of the local port on the 4088B remote transmitter or perform these functions down through Remote Automation Solutions ROC800-Series, FloBoss 107 and ControlWave products.

Operate on Schedule and within Budget

The Rosemount 4088B delivers a seamless transition from legacy products, allowing you to get your measurement points back up and running fast. Easy-to-use configuration tools help you meet your aggressive schedules by eliminating complexity, guesswork and extra steps. Reverse wiring protection ensures your technicians won't waste valuable time troubleshooting and reworking installations due to incorrect field wiring.

Measure Changing Well Conditions More Accurately

Utilizing a new transmitter technology, a 250” H₂O URL transmitter is able to read peak flows up to 800” H₂O. This provides high performance over the standard flows below 250” H₂O. This means you can capture flow rate spikes above the upper range limit of the transmitter while still achieving excellent performance over your typical operating range. This ensures the allocation measurement at the wellhead and the custody transfer measurement will match, eliminating any accounting errors that could put you at risk for disputes.

With an enhanced performance option, you can achieve a ±0.05% of reading accuracy over a wide measurement range. This allows the Rosemount 4088B to maintain accurate performance over a wider range of flow rates and remain in service over the life of your well. When flow rates decline as your well matures, you will continue to measure accurately, limiting well visits and reducing your overall maintenance costs.

Meet Measurement Regulations and Standards

The 4088B MultiVariable Transmitter delivers superior measurement performance and stability ensures you will meet standards and regulations, so you can avoid fines, penalties, leaseholder disputes, and lost revenue. With new advanced temperature measurement using Callendar Van-Dusen RTD, you're getting the most accurate temperature measurement. This will improve your flow reading and ensure you meet your company and regulatory performance requirements.



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