# ROSEMOUNT™ 802 WIRELESS MULTI-DISCRETE I/O TRANSMITTER

Providing Flexible Discrete Control and Monitoring of Remote Field Asssets.

## Rosemount 802 Wireless Multi-Discrete I/O Transmitter

The Rosemount 802 Wireless Multi-Discrete I/O Transmitter is hazardous-rated, environmentally protected and offers up to 8 discrete channels that can be configured as either input or output. Plus, it can be powered with either Emerson 701P SmartPower™ Module technology or by external line power. It stands out as a cost effective and user-friendly transmitter that can fit your needs for high density discrete monitoring or control applications.

The Rosemount 802 Wireless Multi-Discrete I/O Transmitter connects directly with *Wireless*HART® to send data to the wireless gateway and then back to your control system. You no longer need wiring, conduit trays, and junction boxes which reduces your installation costs. And with more I/O points, you won't eat away at your Gateway bandwidth.

If you have multiple discrete monitoring points in remote areas that are in proximity to each other, you can bring this data back to your control system wirelessly and to the people who need it the most. Where you would usually have to send a person out to open a valve or turn on a pump or fan, you can wirelessly send a discrete signal out to do it using Rosemount 802 Wireless Multi-Discrete I/O Transmitter's outputs capability —and your people can focus on other ways to optimize your plant's performance.

### Key Product Features

- 8 Discrete Input or Output Channels
- All channels are configurable to Discrete Input or Output
- Device can be externally powered by 10–30 VDC or with Emerson 701P SmartPower™ Module
- NEMA® 4X and IP66 rated

### High Density Remote I/O Application Benefits

- Allows high density remote I/O data to be sent via *Wireless*HART protocol
- Data can be sent to host systems from the *Wireless*HART Gateway using common industry protocols such as Modbus, OPC, Ethernet-IP, and HART-IP
- Minimize or reducing cost of installation, cable runs through classified areas, and commissioning time

For more information, visit Emerson.com or contact your local Emerson Sales Representative

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## Providing Discrete Monitoring Across Multiple Locations



**1** **Motor Operated Valve**
Optimize performance of MOVs for non-critical control and monitoring in remote locations.

**2** **Pump**
Non-critical control and monitoring for start/stop and run indication in remote locations.

**3** **Venting System**
Decrease manual rounds and reduce emissions of VOCs by monitoring thief hatch position.

**4** **Manual Valve**
Monitor up to 8 valve positions.

**5** **Safety Shower**
Enables monitoring in remote and hazardous areas.

For more information, visit
**Emerson.com/Rosemount802**

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