

# Emerson Wireless 775 THUM Adapter Unlock the Value in Your Existing Field Devices



## CHALLENGE

Most plants have hundreds or even thousands of HART® instrumentation points, all equipped with rich diagnostics and process data, yet this valuable information often goes unused because it's too difficult and costly to access the HART data through traditional wired means.

## OUR SOLUTION

Emerson's Wireless THUM™ adapter allows you to transform any wired HART device to wireless and gain real-time access to advanced diagnostics about the health and performance of the process and equipment.

## HOW IT WORKS

The THUM attaches to any HART device, and wirelessly transmits measurement and diagnostic information through the wireless Gateway to the control room.

- Installation ready – Draws power from the existing 4-20 mA loop without compromising the integrity of the current loop
- Universally compatible – Capable of retrofitting onto any existing 2-, 3-, or 4-wire HART device for application flexibility
- Application flexibility – Hazardous location certifications include intrinsically safe (global) and explosionproof (U.S./Canada)

## WHAT IF...

...you could easily and cost-effectively access all the valuable information that exists in your plant today?

...you could improve your plant's productivity by using predictive intelligence in devices?



For more information visit  
[Emerson.com/Wireless-THUM](https://www.emerson.com/Wireless-THUM)  
or contact your local Emerson Sales Representative



# Emerson Wireless 775 THUM Adapter

## Real Problems. Real Solutions.

**Problem:** Impulse lines can fill with solid material or freeze in cold environments. Plugging in one or both lines can affect process quality and cause shutdowns.

**Solution:** The THUM adapter simply attaches to an existing pressure transmitter, such as the Rosemount™ 3051S, giving wireless access to diagnostics that detect plugged impulse lines.

**Problem:** Dirty air supply impacts process control performance and increases the likelihood of an unplanned shutdown.

**Solution:** The THUM adapter attaches to an existing HART digital valve controller (DVC6000 or DVC2000) to access to valve alerts and diagnostic tests. The AMS ValveLink SNAP-ON™ application provides advanced diagnostics capabilities.

**Problem:** Old, unreliable, or lack of field cabling can make tank gauging and overflow prevention difficult and costly to monitor and requires personnel to take manual readings. Lack of automatic, precise tank gauging leads to uncertain inventory and inefficient tank operations.

**Solution:** With the THUM adapter on a Rosemount Tank Gauging System, you can wirelessly transmit precise level and temperature data needed for custody transfer, inventory control, and safe tank operations to the TaskMaster inventory software or directly to the host/DCS system.

## Associated Products

### Rosemount Pressure Transmitters



### Fisher™ FIELDVUE™ Digital Valve Controller



### Rosemount Tank Gauging System



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00807-0200-4075 Rev AA

**ROSEMOUNT™**

## Consider it Solved.

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