

Honeywell
THE POWER OF **CONNECTED**

| Connected Plant

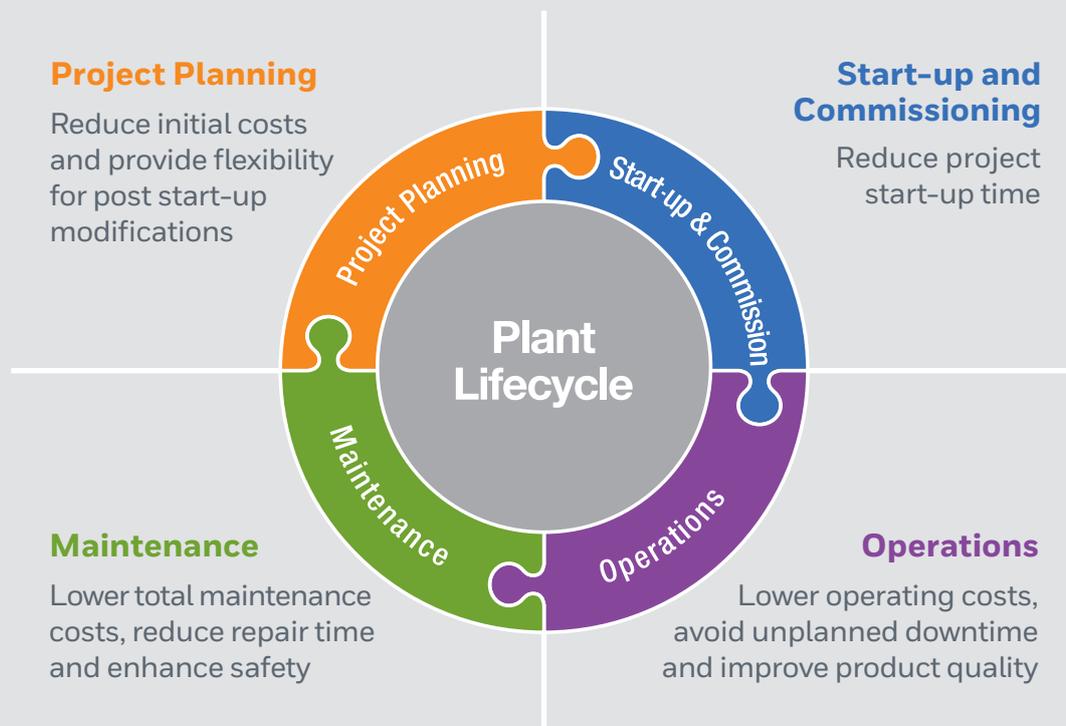
SMARTLINE TRANSMITTERS

So Smart, They Make Life Easy



Work Smarter

Honeywell's SmartLine® Level, Pressure, Temperature and Multivariable Transmitters transform the complexity of a traditional plant lifecycle into a unique user-friendly process, adding value through their superior performance, lower total cost of ownership and comprehensive control system integration.



Redefining Smart



Smart Performance

SmartLine accuracy, stability and response time result in tighter process control, improving product yield and quality.



Smart User Experience

Cloud-based design tool, smart messaging, maintenance and safety features as well as unique integration with Honeywell's Experion® control system reduce design and operator errors and enable faster intervention to avoid process upsets.



Smart Design

SmartLine's innovative modular design allows quick on-field replacement of parts, reduces maintenance costs and spares inventory. Universal terminals reduce costly wiring errors. Rich advanced display and local configuration enable field operators to more efficiently perform tasks, solve problems and avoid errors with no need for a handheld device.

Smarter Features Make Your Life Easier

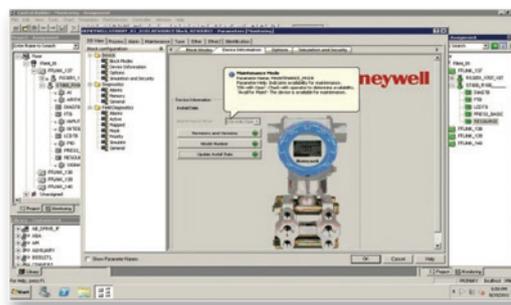
SmartLine transmitters deliver total value across the entire plant lifecycle, from construction to operations to maintenance.

The intuitive cloud-based SmartLine Application and Validation Tool helps you get the right instrument for your application. The tool enables error-free selection and validation of the instrument through efficient online collaboration. The tool documents your selection inputs and helps you share it with others. The ordered instrument arrives fully preconfigured, shortening commissioning time.

Universal terminals reduce costly wiring errors, troubleshooting and re-work, saving valuable commissioning time.

An innovative modular design reduces complexity along the entire lifecycle, from avoiding initial purchasing costs, providing flexibility for post start-up modifications, reducing maintenance and inventory costs by eliminating the number of spare parts required.

The advanced display and local configuration provide capabilities for field operators to more efficiently perform tasks, solve problems and avoid errors. The advanced graphical display provides vital information and insight to field personnel about the process, alerts and more. The easy-to-use display and the three local configuration buttons enable you to be more efficient in the field without carrying a handheld device for setup.



The SmartLine Connection Advantage

ensures a unique integration of the SmartLine transmitters with the Experion control system, making your operations more efficient, processes more reliable and employees safer. Transmitter messaging, maintenance mode indication, tamper reporting and Field Device Manager (FDM) area health views are uniquely available to operators and field personnel. The SmartLine transmitters are extensively tested with Experion, assuring simple, trouble-free installation and start-up.

The comprehensive selection of accessories lets you adapt SmartLine transmitters to suit any installation needs.

"Honeywell SmartLine transmitters are our preference because of their quality and advanced diagnostic features, including onboard local PV trend, modularity, reverse polarity and message display.

Most importantly, we are looking for advantage of seamless integration of field instruments into Experion through FDM."

Ye Chan, Formosa Plastics Corporation

"[SmartLine] instruments help with our check out time for new installations. If the HART transmitter has the tag number configured, once the wires are terminated/point loaded into Experion PKS, we can see if all terminations are connected to the correct transmitter.

This allows us to reduce our time during checkout of new equipment."

Jon Robertson, Hess

SmartLine Pressure Transmitters

Redefining Performance in Industrial Pressure Measurement

"Our company has been using Honeywell SmartLine pressure and differential pressure transmitters in the SCR flue gas denitration and SCR desulphurization upgrade projects. These products have demonstrated excellent accuracy, reliability, stability as well as low maintenance due to the modular design."

*Guangzhou Power
Technology
Corporation*

SmartLine Pressure Transmitters set the standard for total performance in the harshest process environments, featuring the industry's first modular and most robust pressure transmitters.

When using the cloud-based SmartLine Application and Validation Tool, the embedded chemical compatibility chart enables easier selection of wetted parts and the automatic instrument data sheet generation saves precious engineering hours.

Pressure Transmitters:

- Improve product yield and quality through tighter process control with the industry's best total performance, fast response and long-term linear stability.
- Reduce inventory and maintenance costs with a single transmitter covering a wider range of applications.
- Speed up project delivery by eliminating recalibration at sites using three available calibration ranges.



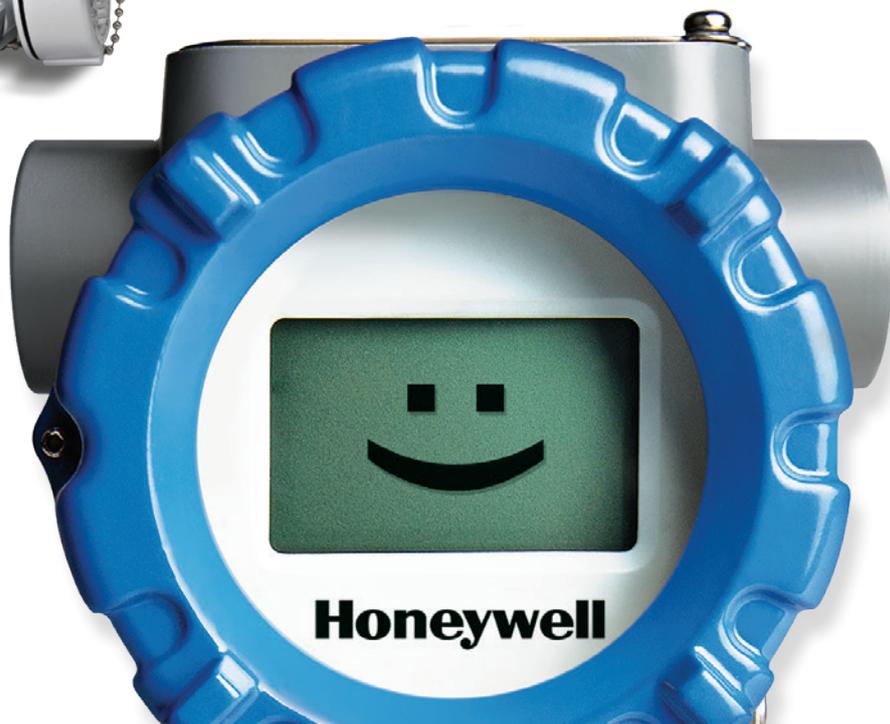
SmartLine Multivariable Transmitter

Single Device for Multiple Measurements: Discover the Smart Power of 3-in-1.

Smartline Multivariable Transmitter measures differential pressure, static pressure and process temperature with minimal process intrusions. It provides reliable, accurate and stable flow measurement with use of standard and dynamic compensation algorithms.

Multivariable Transmitters:

- Improve energy efficiency and quality through accurate flow measurement.
- Increase reliability with improved availability through fail safe flow measurement and superior noise performance.
- Reduce inventory and cost of ownership by utilizing thermocouple inputs for high temperature applications.
- Decrease overall costs by eliminating the need of special tools for setup and configuration with easy-to-use using device type manager (DTMs) tools.



SmartLine Temperature Transmitters

A New Standard for Temperature Transmitters: Modular, Accurate and Reliable for the Lowest Cost of Ownership

SmartLine Temperature Transmitter offers high accuracy and stability over a wide range of process and ambient temperatures. They set a standard for total performance for industrial processes including and noisy process environments.



Temperature Transmitters:

- Maximize production and minimize maintenance by reducing the calibration frequency and complexity through industry leading stability.
- Reduce the number of required transmitters and increase control through two-sensor input, including the ability for split-range sensing.
- Further reduce the need for additional hardware by utilizing a digital output option and eliminating the need for a separate switch.
- Increase uptime and decrease wiring costs through more reliable measurements and shorter sensor runs.



SmartLine Level Transmitters

Taking User Experience and Plant Performance
to a Whole New Level

SmartLine Level Transmitters are powered by innovative guided wave radar technology, which allows reliable and efficient level control in a wide range of industrial applications. The instrument sets new standards for total performance.

Level Transmitters:

- Eliminate poor production quality and false off-process trips in highly complex tanks with obstacle immunity and dynamic false echo suppression algorithms
- Maximize use of existing infrastructure in small tanks using blocking distance optimization
- Eliminate off-process measurement and enable production under highly dynamic processes and change-over conditions using enhanced firmware with advanced correlation algorithm for automatic amplitude tracking
- Increase the amount of actionable information through intuitive and advanced DTM technology

"We like the new features on the Honeywell SmartLine series of transmitters. The [universal terminal] is a great idea and very valuable to us... also, we find the enhanced diagnostics and modular design very helpful."

Peter Evans, Invista



Discover Honeywell

Discover how Honeywell's SmartLine transmitters can make your life easier by delivering smart performance, smart design and a smart user experience. Visit us at www.honeywellprocess.com/smartline.



For more information

To learn more about Honeywell's SmartLine Transmitters, visit www.honeywellprocess.com/smartline or contact your Honeywell account manager.

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