

4320 Wireless Position Monitor

Continuous position feedback



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More Monitoring Points

Every plant has blind spots and hard to reach equipment. The Fisher® 4320 wireless position monitor sends a wireless feedback signal through the Smart Wireless Gateway to indicate percent-of-span, limit-switch equivalent feedback signals, valve position, device temperature, and power module status. This non-obtrusive position monitor won't disturb your existing process wiring; no wires means the wireless network can be superimposed over any wiring infrastructure. The 4320 can be used to monitor equipment such as valves, regulators, displacement and float level sensors, and relief valves.

Ease of Use

The 4320 wireless position monitor has been designed for continuous monitoring of linear or rotary valve position. No conduit easements or permits are needed for the battery powered wireless position monitor. This reduces the time needed for installation, setup, and commissioning. The non-contact linkage-less design and multi-language local user interface allows for easy calibration and monitoring. This position sensing technology is simple to use, compact, and easily mounted. It can be mounted on various valves from modulating control to automated quarter-turn or manual. Wireless solutions by Emerson are very scalable. Users can start small and add devices later, improving the network reliability. The more wireless devices on a network, the more reliable the network will become.

Rugged Construction

The 4320 delivers scalable functionality in a small package. Influenced by Fisher valve technology, the housing is made from engineered resin making it a good solution for most locations, including corrosive areas. Designed to meet intrinsically safe and non-incendive requirements means it is more practical in hard to reach locations.

Reliable Monitoring

The 4320 wireless position monitor is a component of a self-organizing and self-healing network. The Gateway optimizes the system communication links so you don't have to. Information always has multiple paths to enable it to more reliably get to the Gateway. With frequency hopping technologies and redundant paths for information to travel along, the 4320 position monitor delivers greater than 99% data reliability.

Security

Anti-jamming technology with 128-bit AES encryption, key rotation, authentication, and verification protects the data to give you peace of mind.

Contact Us

Emerson is ready to assist you with your wireless vision. Our highly trained sales and support team have undergone rigorous training and are ready to help solve your process control needs. Contact the Emerson sales office in your area to help you take advantage of the many benefits of the Emerson wireless solution.



Omni-directional antenna

Wi
con

Long life power module

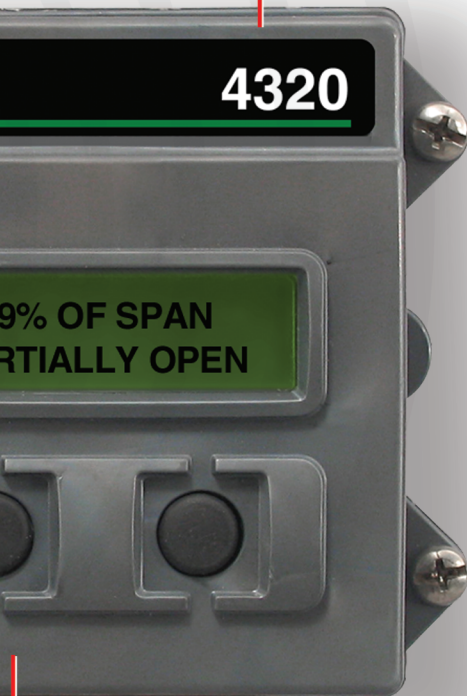


AMS Suite:
Intelligent Device Manager

Wirele

WirelessHART™
Communication
Protocol

Engineered
resin housing



Intrinsically
safe design

WirelessHART™ Diagnostics:

- Cycle counter
- Configuration
- Alerts
- Power status



Smart Wireless Gateway

How many devices can be
on a single Wireless Gateway?

Up to 100

How many hosts can
communicate with a Wireless Gateway?

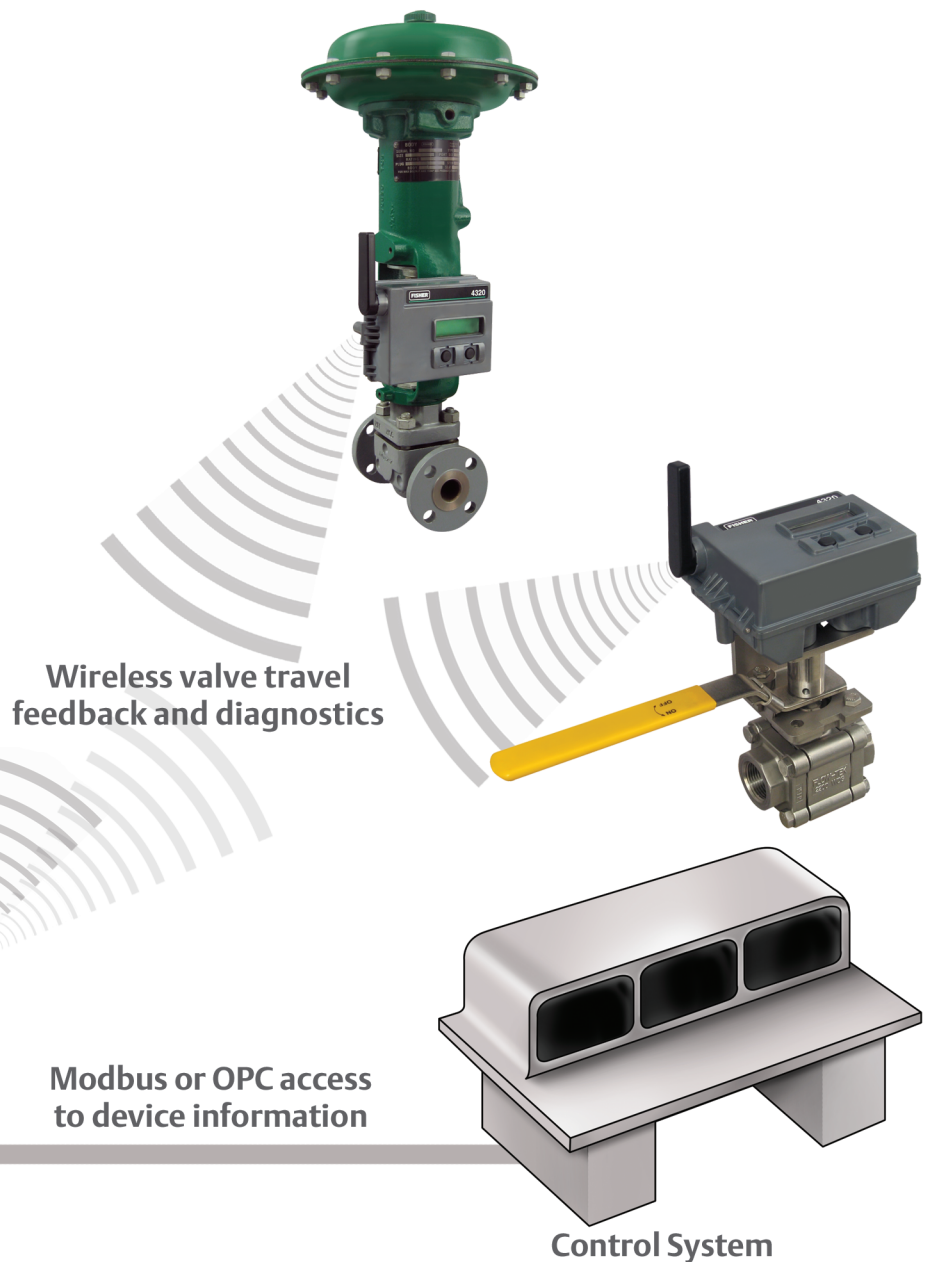
Many at the same time. Example: Legacy host systems
(PLCs, DCS) and AMS® Device Manager.

Can you have more than one network?

Yes, an example is a function / location segmentation.

What is the spacing between wireless devices?

75 m is typical inside buildings, 200 m is typical outside line-of-sight





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