

Imagine a world without wires.

Honeywell



**Imagine pure freedom.
What would you do with more freedom?**



It's time to cut the cord. To retire the wire. To give your best ideas free rein. Introducing the Limitless™ series of wireless limit switches from Honeywell that allows you to go farther, work smarter, and explore more possibilities than ever before.

There's a new way of doing things. A new way of working that delivers more flexibility, more uptime, more reliability, and more freedom. It's built on the principle that we don't need to be chained to the old way of doing things. Wireless technology has already changed how we communicate and connect to our world. And now Honeywell Sensing and Control is using it to change how we design and operate a host of different technologies and devices.

WHAT IF TODAY YOU DID THINGS DIFFERENTLY?

Honeywell's Limitless™ series of switch solutions is leading the way. We developed this technology to be a truly cutting-edge, cost-saving solution. And that innovation starts at the very design stage of industrial equipment and technology. Now designers and manufacturers have the freedom to push their designs further and expand their vision for their technology's applications.

For far too long, technology has been tied to the same old way of transmitting and connecting. But there's a price to pay for clinging to wired technology. There's an intangible cost in man-hours and missed production hours. And there are tangible costs — actual wear-and tear on your equipment's cords that can cause complete disruption of production.

Imagine how much could be saved once you cut the cord...

Freedom awaits. It's time to discover the possibilities. It's time to switch. Switch to wireless. Switch to Limitless™ switches.

SOMETIMES SUCCESS IS ABOUT BEING FIRST

There's an advantage for taking the bold step. For seeing the possibilities. And seizing the opportunity.

At Honeywell Sensing and Control, we work hard to lead the way. To develop technologies that are ahead of the curve. To deliver solutions that anticipate your needs. And sometimes that innovative mind set allows you to be the market leader.

That's why Limitless™ switches are the leading wireless switch brand on the market.

And you can rest assured, Limitless™ switches are the right product at the right time to help you maximize efficiency and minimize cost. Because it's a Honeywell product, backed by world-class service and support.

Honeywell S&C has been a world leader in building heavy-duty switch solutions for more than 75 years. Limitless™ switches are an exciting extension of our vast energy-driven experience and resources.

More of what you want - Limitless™ switches combine every advantage you expect in a Honeywell switch without a wire.

More of where you want it - Limitless™ technology enables a wide array of applications including process and power, transportation, industrial, and applications we haven't thought of yet.

More flexibility - Limitless™ switches can be quickly reconfigured to be used point-to-point or potentially network up to 16 switches.

More uptime - No wear-and-tear on wired connections means less maintenance and more uptime.

More savings - Limitless™ switches can greatly reduce the costs of wiring, installation, and maintenance for all devices and equipment.

More durability - The Limitless™ series will offer versions with an all-metal body and drive train, explosion-proof enclosure, low-temperature capability, and/or enclosure with an anti-corrosion epoxy coating.

More standard options - Limitless™ products use 802.15.4 because it is license-free, globally acceptable, and requires

low power consumption. They also use RF 2.4 GHz standard radio bands. Its commercial, off-the-shelf components and battery allow for easy replacement anywhere in the world.

More diagnostics - Limitless™ user-friendly software provides information on battery health, and signal strength.

More security - Limitless™ products conform to the international IEEE 802.15.4 standard and feature a 16-bit address and 128-bit AES security keys.

More energy savings - Like most Honeywell products, Limitless™ products are designed to minimize power consumption and save both energy and dollars.

WHAT IF THERE WERE NO LIMITS?

With Limitless™ products, we're harnessing the power of possibility. We're bringing the promise of wireless technology to a new world of applications. Our series of switches is just the beginning. This is a gateway, a springboard to a world of wireless applications.

To learn more about Limitless™ wireless limit switches, contact a Honeywell representative today at **1-800-537-6545** or visit **www.honeywell.com/limitless**

Key Answers to Your Limitless™ WGLA Series Limit Switch Questions



What about battery life?

All battery life depends on usage and operating temperature. For example, the more diagnostics added, the higher the battery drain. Our switches average one to three years of battery life, and have a low battery signal.

What about wireless signal range?

Limitless™ devices have a 304 m/1000 ft line-of-site range without using repeaters, depending on antenna type.

Is there potential for cross-talk from other wireless devices?

Each paired switch and receiver uses a unique security key. So there is virtually no chance for cross-talk with another system in close proximity.

What if the RF signal is lost or interrupted between the Limitless switch and the monitor/receiver?

The Limitless™ Series repeatedly attempts to re-establish the RF communication link until successful and at the same time will notify the user that there is an insufficient RF signal.

How does Honeywell plan to protect an investment in wireless?

Honeywell has developed the Limitless™ switch software to ensure that a device you install today will be able to communicate with replacement, additional, and new devices in the future.

⚠ WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING

Honeywell does not recommend using devices for critical control applications where there is, or may be, a single point of failure or where single points of failure may result in an unsafe condition. It is up to the end-user to weigh the risks and benefits to determine if the products are appropriate for the application based on security, safety and performance. Additionally, it is up to the end-user to ensure that the control strategy results in a safe operating condition if any crucial segment of the control solution fails.

Failure to comply with these instructions could result in death or serious injury.

Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

Find Out More

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Sensing and Control

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