Wireless Operator Interface Pushbutton Controller

Honeywell announced the release of the new Limitless™ Wireless Operator Interface, WOI Series, which expands Honeywell's Limitless™ wireless switch and receiver portfolio by providing a packaged pushbutton controller for manufacturers and OEMs. The WOI Series adds a human interface device to the product-driven interfaces of the Limitless™ portfolio. With both momentary and maintained contact options, the Limitless™ Series now offers wireless control from both person and position.

Honeywell's Wireless Operator Interface is a controller designed to wirelessly turn on and off equipment (pumps, motors, drives, conveyors, and other industrial equipment), open or close gates/doors, or provide notification to remote locations. The WOI Series can be used in rugged industrial environments to notify appropriate departments when there are quality, machine, material out-of-stock, or other manufacturing issues.

"The WOI Series provides a control option for users looking to avoid the wiring costs, maintenance issues, hazards, time and engineering that comes with a 'wired' push button," said Joseph Citrano, senior global product marketing manager, Sensing and Control. "This new device expands Honeywell's Limitless™ wireless portfolio that includes monitors, din-rail receivers, global limit switches, and heavy-duty limit switches."

Designed for flexibility, the user can choose and install a desired operator (22 mm rotary switch, key switch, key) or utilize one of Honeywell's pushbuttons. It communicates through Limitless™ receivers that provide PLC inputs or relay

outputs connected directly to equipment to turn on LEDs or start/stop industrial equipment.

The Limitless™ wireless network is an easy and cost-effective solution for those looking for a reliable wireless solution. It includes the WDRR Din-rail receiver, WPMM monitor, WLS heavy-duty limit switch, and WGLA global limit switch. The entire Limitless™ solution utilizes the global, license-free RF wireless 802.15.4 WPAN protocol that provides up to a 305 m [1000 ft] line-of-sight communication range, and prolongs battery life with advanced power management technology.

The Limitless™ WOI Series potentially could be used in industrial applications such as CNC action, conveyors, door and gate action, lifts, material handling, motor drives, presses, pumps, quality control buttons, specialty machines, stop/start machinery, stop/start production, and valve action. Potential transportation applications include agricultural equipment and movable machinery.

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