



# Product Training Module: Limitless™ Wireless Operator Interface WOI Series



**Honeywell**

# Summary of Contents

- In this training module, you will learn the following about the **Honeywell Limitless™ Wireless Operator Interface, WOI Series:**
  - Introduction to what these switches are
  - Their key features and benefits to design engineers
  - Potential use in Industrial and Transportation applications
  - Where to obtain additional information



# Introduction

- The WOI Series is a controller designed to wirelessly turn equipment on and off, open or close gates/doors, or provide notification to remote locations
- With both momentary and maintained contacts, the wireless operator interface (WOI) can be used by an operator to provide indication via a pushbutton or another user-chosen operator type (i.e. 22 mm rotary switch, 22 mm key switch, etc.)
- Communicates through Limitless™ receivers that provide PLC inputs or relay outputs connected directly to equipment to turn on LEDs or start/stop industrial equipment



# Value to Customers

- **Human interface★**
  - Allows operator to wirelessly turn equipment on/off, open/close, or provide notifications
- **Remote monitoring★**
  - License-free RF wireless protocol standards (IEEE 802.15.4) allow for remote monitoring of processes and equipment
  - Designed for global availability, offering a wide variety of Limitless™ inputs with simple and universal PLC connections
- **Reduce costs★**
  - Eliminates wires and associated connections
  - Reduces engineering design time, time to install, overall project schedule
  - Simplifies maintenance



★ = competitive differentiator

## Cost-effective Remote Monitoring

## Features and Benefits

- **User flexibility**
  - Offers ability to choose and install the desired operator type; i.e. 22 mm rotary switch, 22 mm key switch, etc.
- **Configurability**
  - Ability to reconfigure and network multiple interfaces, or point-to-point with personalized addresses
  - Allows for adding, subtracting, or relocating Limitless™ inputs easily
- **Increases uptime**
  - Eliminates lost production time from wiring integrity issues, especially with moving/flexing wires



Flexible. Configurable.

# Features and Benefits

- **Added versatility**
  - Wide communication distance of 305 m [1000 ft] line of sight (LOS)
  - Allows for use in a wide variety of applications
  - Easily allows for system reconfiguration.
- **Remote control and notification**
  - Enables control and/or notification in remote parts of application/ machinery/manufacturing plants, where wiring is too costly or not possible



Reduces Installation and Maintenance Costs



## Potential Applications



- Industrial

- CNC action
- Conveyors
- Door/gate action
- Lifts
- Material handling
- Motor drives
- Presses
- Pumps
- Quality control buttons
- Specialty machines
- Stop/start machinery
- Stop/start production
- Valve action

- Transportation

- Agricultural equipment
- Movable machinery

## Online Resources

- To access more information about the Limitless™ Wireless Operator Interface, WOI Series, [click here](#).

**Limitless™ Wireless Operator Interface**  
WOI Series

[Product Family Details](#) [Where to Buy](#) [Tweet](#)

\* = Competitive Differentiator

1 2 3 4 5 6 7 8  
click hotspots to view features

**Product Overview**

The Limitless™ product line extends to include wireless operator interface. With both momentary and maintained contacts, the wireless operator interface (WOI) can be used to provide indication via a pushbutton or another user-chosen operator type (i.e. 22 mm rotary switch, 22 mm key switch, etc.). The WOI Series adds a human interface device to the product-driven interfaces of Limitless™ switches and receivers -- wireless control from both person and position.

**Distributor Inventory**  
Input part number for stock availability

**Download High Resolution Product Image**

**Product Information**

- Limitless™ Micro Site
- Limitless™ FAQs
- Find Limitless™ WOI Products

**View Available Videos**

- Limitless™ Videos on Micro Site
- Limitless™ Technology



## About Honeywell Sensing and Control Products

- For more information about all of Honeywell Sensing and Control sensor and switch solutions, visit <http://sensing.honeywell.com>



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