

LIMITLESSTM WIRELESS SOLUTIONS

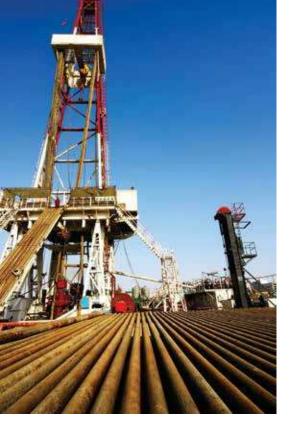
Go Farther. Work Smarter. Explore New Possibilities. Just by Cutting the Cord and Making the Switch.

Honeywell



Honeywell's LimitlessTM Series of switches and sensors frees applications from the restrictions of wired installations while offering increased reliability and reduced lifetime cost. Compared to traditional wired solutions, Honeywell's LimitlessTM platform offers greater flexibility in terms of remote actuation, faster response, flexibility, and a minimized costs over wired options. The simplicity of the system means no wiring, conduits, clips, or connectors to purchase or install, which increase system reliability, easier installation, and eliminates errors.









Honeywell's Limitless™ Solutions deliver more...

• More distance means more location flexibility

Limitless[™] devices have up to a 305 m [1000 ft] line-of-sight range without using repeaters, depending upon the antenna type

 More durability means more environment options (rain, sleet, snow, dust, harsh environments, etc.)

LimitlessTM Series' offerings include versions with all-metal body and drive train, low-temperature capability, hazardous-area approvals, and/or enclosure with an anti-corrosion epoxy coating

 More savings means minimized retrofit costs, plumbing costs, or electrician costs

Limitless[™] switches can greatly minimize the costs of wiring, installation, and maintenance for all devices and equipment

More security means your critical data is safeguarded

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

- More flexibility means you can adapt your footprint at any time as needed
 Because you are no longer tethered by wire, you can reconfigure and network
 multiple switches, easily adding, subtracting, or relocating Limitless™ switches
- More diagnostics means enhanced incident reporting and industry compliance

Provides time stamping and shower triggering notification to aid in OSHA-required checks, certifications and requirements; Limitless™ user-friendly software provides information on battery health, and signal strength for each specific input

- More standard options means easy maintenance with generally available replacement options
 - Limitless[™] products use a global, license-free, 802.15.4 radio and commercially available battery for easy replacement anywhere in the world



Limitless™ Switches | WLS Series Heavy-Duty Limit Switch

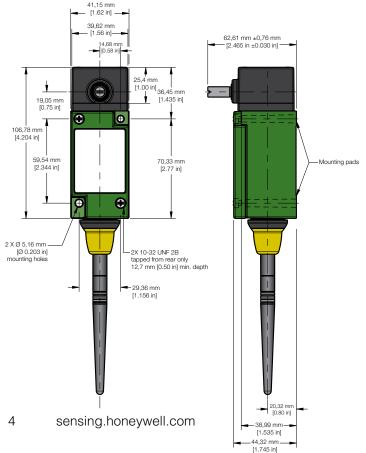


Differentiator: Limitless™ WLS switches feature the EN50041 characteristics, IP67/IP68 sealing, and are well suited for heavy-duty applications where the switch's zinc head and body can stand up to harsh environmental contaminants.

The WLS Series offers a broad range of actuator styles available within the product line. Actuator heads on most models can be rotated in 90° increments to allow for flexibility in applications.

Key Features:

- Operating head rotary tested in excess of 50 million cycles for enhanced reliability
- Diaphragm seal between head and body cavity provides sealing protection
- Twin shaft seals (rotary) protect head and internal components from corrosion and debris
- Sintered bronze bearings provide extended mechanical life
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers





WLS Series

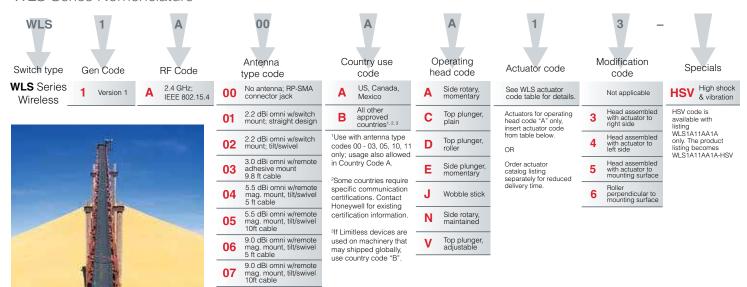
VVLO OCITO					
Product type	Limitless™ heavy-duty limit switches				
Availability	Global, license-free RF bands*				
Actuator type	Side rotary, top plunger, side plunger, top roller plunger, top adjustable plunger, wobble stick				
Housing material	Zinc head and body are phosphate treated and epoxy finished				
Housing type	WLS (EN 50041)				
Radio	WPAN 802.15.4; 2.4 GHz point-to-point; specific country communication agency approval required				
Antenna type	Direct or remote-mount antenna options; omni-directional				
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3 AA size manufactured by Green Energy p/n ER14335M WBT3 shall be used with -HSV Specials Code				
Sealing	IP67, IP68; NEMA 1, 3, 4, 6, 6P, 12, 13				
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1				
Shock	IEC 60068-2-27; half sine, 50 g, 6 mS, 3 axis For -HSV specials Code: 100 g, 6 mS MIL-STD-202 Shock Method 213, Test Condition I				
Vibration	IEC 60068-2-6; 10 Hz to 58 Hz w/ 0,35 mm peak-to-peak, 58 Hz to 500 Hz, 5 g For -HSV specials Code: 20 g, 10 Hz to 2000 Hz. MIL-STD-202, Vibration Method 204A; Test Condition D				
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F] -30 °C to 85 °C [-22 °F to 185 °F] (wobble sticks)				
Agency approvals and standards	FCC 15.247; Industry Canada RSS 210; ETSI, CE mark; ACMA, C-Tick mark; COFETEL; IDA; ANATEL; SRRC; KCC; WPC				

Applications

- Construction/ag machines
- Conveyors
- Crane boom/jib/skew position
- Door position
- Grain diverters or flaps
- Hose attachment verification

- Lifts
- Material handling
- Movable machinery
- Presses
- Remote or temporary equipment
- Specialty machines
- Valve position

WLS Series Nomenclature



8.0 dBi omni w/remote bkt. mount, str. design 3 ft cable

8.0 dBi omni w/remote bkt. mount, str. design 11 ft cable

2.2 dBi omni w/remote mag. mount, tilt/swivel 10 ft cable

0 dBi omni w/ switch mount;

straight design

08

09

10

11

NOTE: Not all combinations available. For further information on establishing any of the above listings, please contact Honeywell Sensing and Productivity Solutions or your local sales office.

EXAMPLE: WLS1A01AA1A (ordered with lever included)

Limitless[™] heavy-duty limit switch, 2.2 dBi straight antenna, momentary, standard lever with nylon roller

EXAMPLE: WLS1A01AA (order lever separately)

Limitless[™] heavy-duty limit switch, 2.2 dBi straight antenna, momentary. LSZ51A (standard lever with nylon roller) ordered separately,

WLS Series Actuator Code Table

Code	Catalog Listin	ng Material	Roller Dia. (in)	Roller Width (in)	Roller Mounting
Fixed 1.	5 inch radius				
1		Rollerless	n/a	n/a	n/a
1A	LSZ51A	Nylon	0.75	0.25	Front
1B	LSZ51B	Steel	0.75	0.25	Front
1C	LSZ51C	Nylon	0.75	0.25	Back
1D	LSZ51D	Steel	0.75	0.25	Back
1F	LSZ51F	Nylon	1.0	0.520	Front
1G	LSZ51G	Nylon	1.5	0.25	Front
1J	LSZ51J	Nylon	1.0	0.520	Back
1L	LSZ51L	Ball bearing	0.75	0.25	Back
1M	LSZ51M	Nylon	0.75	1.25	Back
1N	LSZ51N	Steel	0.75	1.25	Front
1P	LSZ51P	Nylon	0.75	0.50	Front
Adjusta	able 1.5 in to 3	.5 in radius			
2		Rollerless	n/a	n/a	n/a
2A	LSZ52A	Nylon	0.75	0.25	Back
2B	LSZ52B	Steel	0.75	0.25	Back
2C	LSZ52C	Nylon	0.75	0.25	Front
2D	LSZ52D	Steel	0.75	0.25	Front
2E	LSZ52E	Nylon	0.75	1.30	Front
2J	LSZ52J	Nylon	1.0	0.50	Front
2K	LSZ52K	Nylon	1.5	0.25	Front
2L	LSZ52L	Ball bearing	0.75	0.25	Front
2M	LSZ52M	Nylon	2.0	0.25	Front
2N	LSZ52N	Nylon	0.75	0.50	Front
Yoke -	1.5 in radius	· •			
3A	LSZ53A	Nylon	0.75	0.25	Front/Back
3B	LSZ53B	Steel	0.75	0.25	Front/Back
3D	LSZ53D	Steel	0.75	0.25	Front/Front

Code	Catalog Listin	g Material	Roller Dia. (in)	Roller Width (in)	Roller Mounting
Yoke -	- 1.5 in radius , o	continued			
3E	LSZ53E	Nylon	0.75	0.25	Back/Front
3M	LSZ53M	Nylon	0.75	1.25	Back/Front
3P	LSZ53P	Steel	0.75	0.25	Back/Back
3S	LSZ53S	Nylon	0.75	0.25	Back/Back
Rod					
4		Hub only	n/a	n/a	n/a
4M	LSZ54M	Alum, 5.5 in	n/a	n/a	n/a
4N	LSZ54N	Stainless, 13 in	n/a	n/a	n/a
4R	LSZ54R	Spring Wire, 12 in	n/a	n/a	n/a
4V	LSZ54V	Flex cable, 4.8 in	n/a	n/a	n/a
Offset	- 1.5 in radius				
5		Rollerless	n/a	n/a	n/a
5A	LSZ55A	Nylon	0.75	0.25	Back
5B	LSZ55B	Steel	0.75	0.25	Back
5C	LSZ55C	Nylon	0.75	0.25	Front
5D	LSZ55D	Steel	0.75	0.25	Front
5E	LSZ55E	Nylon	0.75	0.50	Front
5K	LSZ55K	Nylon	1.5	0.25	Front
Wobbl	e stick	•			
7A	LSZ1JGA	Delrin™ rod, 5.5	n/a	n/a	n/a
7M	LSZ1JGM	Spring wire, 13.0	n/a	n/a	n/a
7N	LSZ1JGN	Cable, 5.5 in.	n/a	n/a	n/a
Short	fixed - 1.3 in rac	lius			
9A	LSZ59A	Nylon	0.75	0.25	Front
9B	LSZ59B	Steel	0.75	0.25	Front
9C	LSZ59C	Nylon	0.75	0.25	Back
9D	LSZ59D	Steel	0.75	0.25	Back

Limitless™ Switches | WGLA Series Global Limit Switch



Differentiator: Limitless[™] WGLA switches feature EN50041 characteristics, IP67 sealing, and are well suited for applications requiring a basic wireless switch.

The WGLA Series features IP67, NEMA 1, 4, 12, and 13 sealing. It's sealed zinc die-cast and powder

coated enclosure are designed to meet the common dimensions and characteristics defined in EN50041 for easy installation and compatibility with other products in the field.

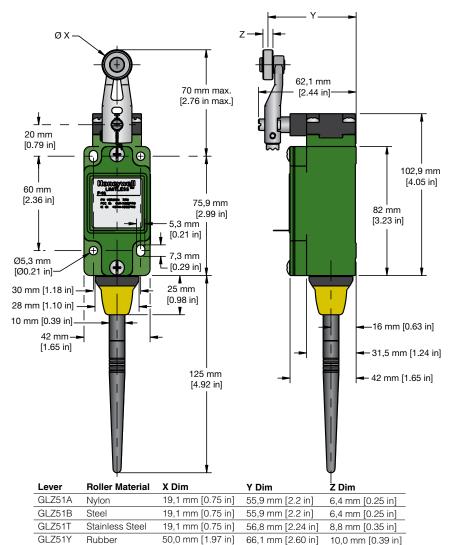
Key Features:

- EN 50041 metal enclosure
- IP67; NEMA 1, 4, 12, 13
- Full complement of operating heads and levers
- Modular construction of components
- Standard replaceable battery with ultra-low power consumption
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers



WGLA Series

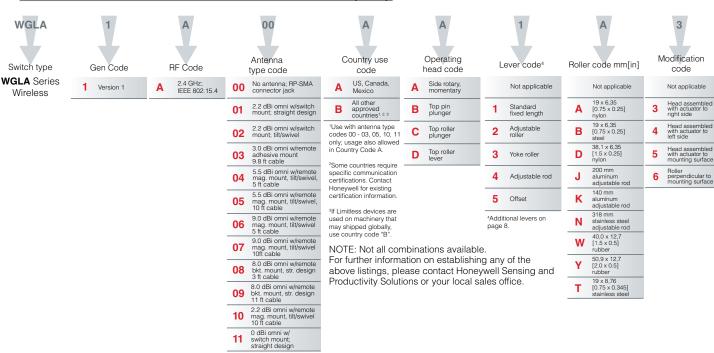
Product type	Limitless™ global limit switches			
Availability	Global, license-free RF bands*			
Actuator type	Side rotary, top plunger, top roller, top roller lever			
Housing material	Zinc head and body are phosphate treated and epoxy finished			
Housing type	EN 50041			
Radio	WPAN 802.15.4; 2.4 GHz point-to-point; specific country communication agency approval required			
Antenna type	Direct or remote-mount antenna options; omni-directional			
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3 AA size manufactured by Green Energy p/n ER14335M			
Sealing	IP67; NEMA 1, 4, 12, 13			
ЕМС	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1			
Shock	IEC 60068-2-27; half sine, 10 g, 6 mS, 3 axis			
Vibration	IEC 60068-2-6; 10 Hz to 500 Hz with 0,35 mm peak-to-peak, 58 Hz to 500 Hz, 5 g			
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F] (side rotary and side plunger) -25 °C to 85 °C [-13 °F to 185 °F] (all other actuators)			
Agency approvals and standards	FCC 15.247 Industry Canada RSS 210 ETSI, CE mark ACMA, C-Tick mark COFETEL IDA; ANATEL; SRRC; KCC; WPC			





Applications

- Construction/ag machines
- Conveyors
- Crane boom/jib/skew position
- Door position
- Grain diverters or flaps
- Hose attachment verification
- Lifts
- Material handling
- Movable machinery
- Presses
- Remote or temporary equipment
- Specialty machines
- Valve position



Limitless™ Switches | WLS Series with Eyelet Pull



Differentiator: Limitless™ WLS switches are designed with an eyelet-pull operating head for attaching a rope, cable or chain. The switch is sealed to IP67/68 to stand up

to dirty, dusty industrial environments.

Limitless™ WLS Series Heavy Duty Wireless Limit Switches with an eyelet-pull operating head can be used to attach a rope, cable or chain. It also can be used on cranes as an anti-two-block (A2B) switch. Combining this greater flexibility with proven harsh-duty packaging can result in increased efficiencies and improved safety for machines, equipment, OEMs, and operators.

Key Features

- Unique all-metal drive train
- Tested to 750 lb of pull force
- Zinc head and body are phosphate treated and epoxy finished
- Captive head and body screws
- Works with Limitless™ WMPR, WDRR, and WPMM receivers

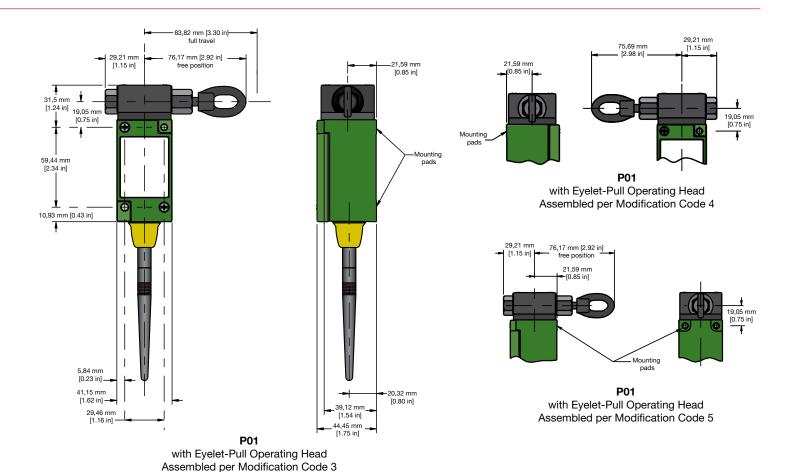


WLS Series with Eyelet Pull

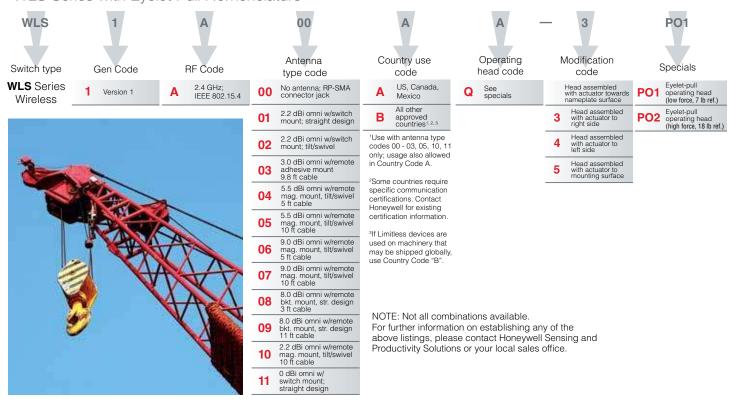
V V LO OO1100	With Lyolot i all
Product type	Limitless™ Wireless Heavy-Duty Limit Switches
Operating characteristics	Operating force: 7 lb approx. or 18 lb approx.
Actuator type	Eyelet-pull operating head (pull eyelet inline with shaft to prevent damage)
Housing material	Zinc head and body are phosphate treated and epoxy finished
Housing type	WPAN 802.15.4; 2.4 GHz
Radio	RP-SMA jack for direct or remote-mount antenna options; omni-directional
Antenna type	Direct or remote-mount antenna options; omni-directional
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3 AA size (Est. life >1 year) Manufactured by Green Energy, part number ER14335M
Sealing	IP67/IP68; NEMA 1, 4, 6, 6P, 12, 13
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1
Shock	IEC 60068-2-27; half sine, 10 g, 6 mS, 3 axis
Vibration	IEC 60068-2-6; 10-500Hz w/ 0,35 mm peak-to-peak, 58-500 Hz- 5 g
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Agency approvals and standards	FCC 15.247; IC RSS 210: Canada; ETSI, CE mark; ACMA, C-TICK; IDA; COFETEL; WPC; ANATEL; SRRC; KCC

Applications

- Cranes: A2B (anti-two block) switch
- Rope-pull: door activation switch
- Cable pull for production stop applications (e.g., quality, broken tool, maintenance, out of parts); not applicable to human safety-stop applications



WLS Series with Eyelet Pull Nomenclature



Limitless™ Switches | WLS Series Single Switch Adapter



Differentiator: Limitless™ WLS Series Single Switch Adapter is used to convert an electromechanical switch with low-energy contacts (i.e., gold) into a wireless switch.

A user-supplied electromechanical switch is simply wired to the WLS Series Single Switch Adapter via the

internal or external connections to then become a wirelessenabled switch for use with the Limitless™ WPMM or WDRR Series of monitors/receivers. The Limitless™ Single Switch Adapter can be used in a variety of industrial wireless limit switch applications such as reed, contact, pressure, door actuator, and more.

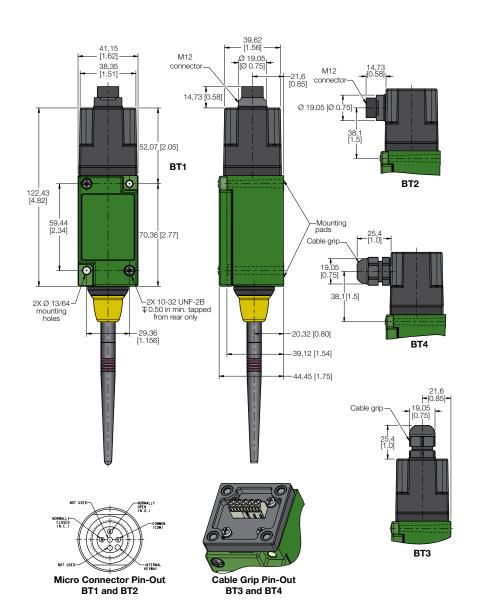
Key Features

- IP67; NEMA 1, 4, 12, 13
- 4-pin M12 micro-change receptacle, cable grip with internal connector wiring options
- Internal battery power
- Body phosphate treated and epoxy finished with a 30 % glass-filled PBT plastic head
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers



WLS Series Single Switch Adapter

Product type	Limitless™ Single Switch Adapter
Availability	Global, license-free bands
Housing material	Zinc body is phosphate treated and epoxy filled; 30 % glass-filled PBT plastic head
Radio	WPAN 802.15.4; 2.4 GHz
Antenna type	RP-SMA jack for direct or remote-mount antenna options; omni-directional standard
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3 AA size (Est. life >1 year) Manufactured by Green Energy, part number ER14335M
Sealing	IP67, NEMA 1, 4, 12, 13
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1
Shock	IEC 60068-2-27; half sine, 50 g, 6 mS, 3 axis
Vibration	IEC 60068-2-6; 10-500Hz w/ 0,35 mm peak-to-peak, 58-500 Hz- 10 g
Operating temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Electromechani- cal switch	SPDT (Form C) switch with low-energy contacts (i.e., gold) capable of reliably controlling a 3.6 Vdc @ 30 mA electrical load to ensure proper operation
Electrical connections	 4-pin M12 micro-connector with three-pole, single keyway female receptacle Cable grip with internal screw connector Note: Maximum cable length 3 m [9.84 ft]
Communication Agency Approv- als/Certificates*	FCC 15.247; IC RSS 210; COFETEL; ETSI, CE mark; ACMA, C-TICK; IDA; WPC

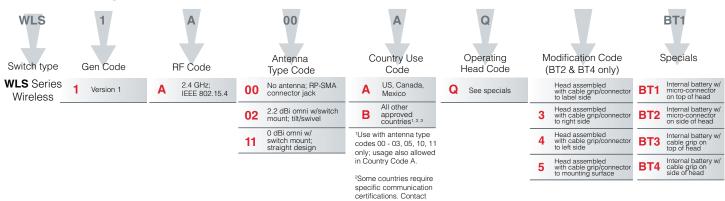




Applications

- Agricultural equipment
- Construction equipment
- Door actuation (up/down) switch
- Industrial machines
- Lifts
- Machine tools
- Packaging machinery
- Wireless warehouse operations
- Wireless electromechanical switch applications (i.e., pressure switch, reed switch, basic switch and/or limit switch)

WLS Series Single Switch Adapter Nomenclature



NOTE: Not all combinations available. For further information on establishing any of the above listings, please contact Honeywell Sensing and Productivity Solutions or your local sales office. ³If Limitless devices are used on machinery that may shipped globally, use country code "B".

Honeywell for existing

Limitless™ Switches | WLS Series Non-Contact Switch



Differentiator: Limitless™ WLS Series Non-Contact Switch provides for "non-contact" actuation.

Honeywell's Limitless™ Wireless Non-Contact Switch that provides non-contact presence/absence detection of a variety of different magnet styles and magnetic actuators installed on the end-users'

product, machine, equipment, etc. The Limitless™ WLS Non-Contact Switch's design features an industrial grade reed switch. Customers can choose how the reed switch is oriented within the switch's plastic head, i.e., either top- or side-sensing.

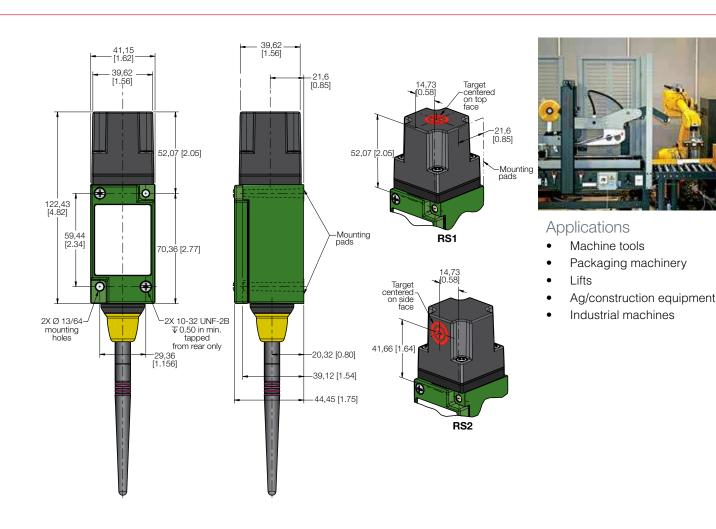
Key Features:

- Allows "non-contact" actuation
- IP67; NEMA 1, 4, 12, 13
- Top and side sensing heads
- Zinc head and body are phosphate treated and epoxy finished
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers

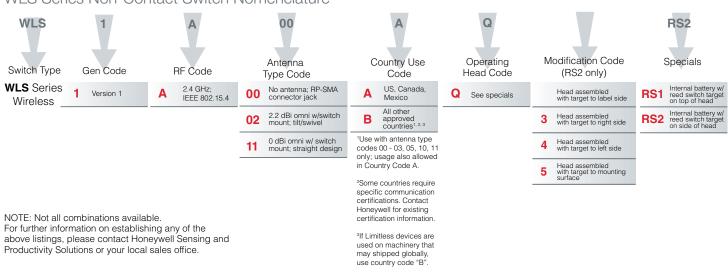


WLS Series Non-Contact Switch

Product type	Limitless™ Wireless Non-Contact Switch			
Availability	Global, license-free bands			
Operating characteristics	Operating point: 3,81 mm [0.15 in] min.; Release point: 15,24 mm [0.60 in] max. with use of WMG1 magnet (included with WLS Series Non-Contact Switch)			
Sensing target	Top and side of head			
Housing material	Zinc head and body are phosphate treated and epoxy finished; 30% glass- filled PBT plastic head			
Radio	WPAN 802.15.4; 2.4 GHz			
Antenna type	RP-SMA jack for direct or remote-mount antenna options; omni-directional standard			
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3 AA size (Est. life >1 year) Manufactured by Green Energy, part number ER14335M			
Sealing	IP67; NEMA 1, 4, 12, 13			
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1			
Shock	IEC 60068-2-27; half sine, 10 g, 6 mS, 3 axis			
Vibration	IEC 60068-2-6; 10-58 Hz w/ 0,35 mm peak-to-peak - 5g			
Operating temperature	-40 to 85 °C [-40 °F to 185 °F]			
Communication Agency Approv- als/Certificates*	FCC 15.247; IC RSS 210; COFETEL; ETSI, CE mark; ACMA, C-TICK; IDA; WPC			







Limitless™ Switches | WBX Series Hazardous Area Switch



Differentiator:

Limitless™ WBX
hazardous area
switches
carry cULus,
ATEX (CE), IEC
Ex, FCC, IC, and
ETSI approvals.
Their harsh-duty,
explosion-proof
packaging is
intrinsically safe, and

can result in increased efficiencies and improved safety for machines, equipment, and operators.

Designed to be used where other wireless products can not. Hazardous location approvals allow it to be used in a wide range of classified atmospheres, allowing for greater flexibility, making the Limitless™ WBX product application adaptable. Powder-coated aluminum housing enhances durability and resistance to corrosion.

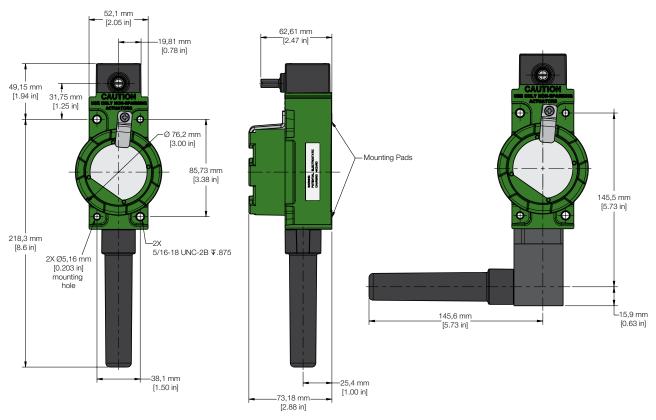
Key Features:

- Hazardous location approvals: cULus, ATEX, IEC Ex
- IP67 (self certified), NEMA 4 sealed metal enclosure
- Intrinsically safe
- Able to reconfigure multiple WBX Series switches
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers



WBX Hazardous Area Switch

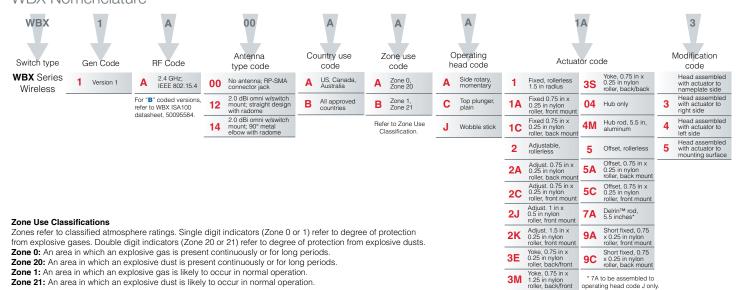
Limitless™ Hazardous Area Limit Switches				
Side rotary, top plunger, wobble stick				
Powder-coated die-cast aluminum body				
IEEE 802.15.4, 2.4 GHz	radio			
250 kbps				
ISM 2.4 GHz				
Country use code A: 14 Country use code B: 8 c				
Field programmable into 60 second intervals	erval: 1, 5, 10, 30, or			
NEMA 1, 3, 4, 13; IP67 ((self-certified)			
Latest applicable standa V1.8.1; EN 61326-1 (201 V1.9.2; EN 301 489-17,	12); EN 301 489-1,			
IEC 60068-2-27; half sin	ne, 50 g, 6 mS			
IEC 60068-2-6: 10 Hz to 58 Hz with 0,35 mm peak-to-peak, 58 Hz to 500 Hz, 10 g				
-40 °C to 70 °C [-40 °F to 158 °F]				
FCC 15.247 and 15.209 Industry Canada RSS 210 Gen Issue 8 ETSI, CE mark, ACMA, C-tick mark				
Standards: UL913 8th edition; CAN/CSA- C22.2 No. 157-92 (R2012) UL 60079-0 edition 6; UL 60079-11 edition 6 CSA C22.2 No. 60079-11 : 14 edition 2; CSA C22.2 No. 60079-0 : 11 edition 2				
Class I, Div 1, Groups A, B, C, D T4 Class I, Zone 1 AEx ia IIC T4 Ga Class I, Zone 1 Ex ia IIC T4 Ga Class II, Zone 21 AEx ia IIIC T135°C Da	Class II, Div 1, Groups E, F, G Class I, Zone 0 AEx ia IIC T4 Ga Class I, Zone 0 Ex ia IIC T4 Ga Class II, Zone 20 AEx ia IIIC T135°C Da Tambient -40°C to 70°C			
Standards: EN 60079-0 EN 60079-11 : 2012; EN				
Zone 1 Ex ia IIC T4 Ga Zone 21 Ex ia IIIC T135°C Da	Zone 0 Ex ia IIC T4 Ga Zone 20 Ex ia IIIC T135°C Da			
Standards: IEC 60079-0 60079-11 edition 6.0; IE				
Zone 1 Ex ia IIC T4 Ga Zone 21 Ex ia IIIC T135°C Da	Zone 0 Ex ia IIC T4 Ga Zone 20 Ex ia IIIC			
	Side rotary, top plunger, Powder-coated die-cast IEEE 802.15.4, 2.4 GHz 250 kbps ISM 2.4 GHz Country use code A: 14 Country use code B: 8 Geometry use code B:			



Operating Head Code "A" Straight Antenna

Operating Head Code "A" 90° Antenna

WBX Nomenclature



Applications

- Agriculture machines
- Grain diverters or flaps
- Material handling
- Pipeline pigs
- Remote or temporary equipment
- Valve position

- Door position
- Hose attachment verification
- Paint robotics
- Pump stroke count
- Safety shower alarming

operating head code J only

Limitless™ Sensors | WPS Series Wireless Pressure Sensor



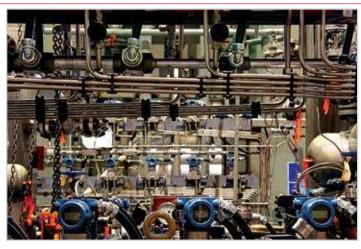
Differentiator: Limitless™ WPS Series is designed to replace applications that are currently wired, or that are used in 1) new applications where wired devices are

not economical/feasible (i.e., wireless transmitters); 2) where wiring and connections cause reliability issues; or 3) where increased functionality can be realized by eliminating wires

In process, oil & gas and factory floor environments, wireless pressure sensors are already commonly used. These sensors are accurate, reliable and offer increased levels of customization (battery life, firmware/software); however, these features have created products that are costly (\$1200+) for many applications, and many features are not typically needed. The WPS Series provide a lower cost option to expensive wireless alternatives while offering the advantages of wireless over the next best alternative (a wired solution). The WPS Series provide wireless benefits without the expensive features the customer's application often does not need.

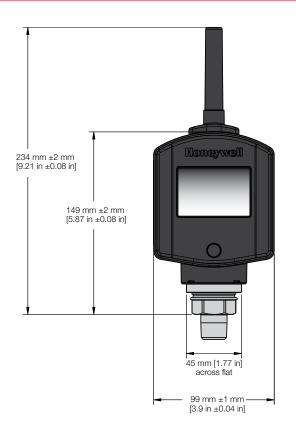
Key Features:

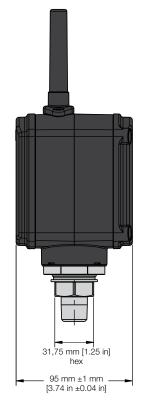
- 0 to 50 psi, 200 psi, 500 psi, 1000 psi, 1500 psi, 5000 psi, or 10,000 psi
- WPAN 802.15.4, 2.4 GHz, P2P
- Measures gage and absolute pressures
- Global availability due to a variety of inputs with Ethernet/IP™ PLC connections
- Total Error Band ±2.0 %
- IP67 sealed plastic enclosure with 316L Port and Hastelloy® C-276 diaphragm
- Direct, remote or built-in antenna options
- Sensor's body can be rotated/swiveled 350° about the port axis
- Works with Limitless™ WMPR multi-protocol receiver



WPS Wireless Pressure Sensor

VVF3 VVII EIES	S FIESSUIE SEIISUI			
Product type	Wireless Pressure Sensor			
Availability	Global, license-free bands			
Process connections	1/4 in NPT female connection is integral to 1/2 in NPT male or 3/4 in NPT male			
Measurement accuracy	Better than ±2.0 % Total Error Band (TEB), full scale, full temperature range. Example 100 psi is ±2 psi			
Housing and wetted material	Polycarbonate plastic enclosure, 316L stainless steel port, Hastelloy® C-276 diaphragm			
Output	Digital output via wireless, end-user configurable as psi, bar, kPa, and Pa local LCD variant also available			
Antenna type	Direct mount antenna with radome or remote-mount antennas available			
Total error band (TEB)	±2.0 %FSS			
Module transmit power	Country code A: 16 dBm max.; Country code B: 8 dBm max.			
Sensor output resolution	0.04 %FS			
Sealing	IP65, IP67			
EMC	Latest applicable standards: EN 300 328, V1.8.1; EN 61326-1 (2012); EN 301 489-1, V1.8.1; EN 301 489-17, V2.2.1			
Shock	40 g per IEC 60068-2-27			
Vibration	5 Hz to 200 Hz, 4 g, Sinusoidal as per IEC 60068-2-6			
Operating and storage temperature range	-40 °C to 70 °C [-40 °F to 158 °F]			
Agency Approvals and Standards	16 dBm: FCC 15.247 and 15.209, Industry Canada RSS 210 Issue 8, ACMA (C-Tick mark) 8 dBm: ETSI EN 300 328 V1.8.1 (CEmark)			







Applications

- Process monitoring of important pressures
- Gauge placement
- Liquid level sensing (corrosive or non-corrosive)
- Leak detection (detection of pressure drop)
- Process pump failure monitoring
- Well head monitoring
- Irrigation water pressure monitoring
- Equipment health monitoring
- Tank level monitoring (water or corrosive liquids)

WPS Nomenclature

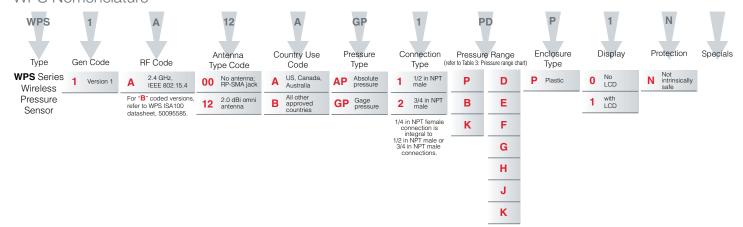


Table 3. Pressure Range Conversion Chart

Unit Code	Description		Pressure Range					
Unit Code	Description	D	E	F	G	Н	J	K
Р	psi	0 to 50	0 to 200	0 to 500	0 to 1000	0 to 1500	0 to 5000	0 to 10000
В	Bar	0 to 3.45	0 to 13.8	0 to 34.5	0 to 68.9	0 to 103.4	0 to 344.7	0 to 689.5
K	Kpa	0 to 344.7	0 to 1379	0 to 3447.4	0 to 6894.7	0 to 10342	0 to 34473	0 to 68947

Limitless™ Switches | WOI Series Operator Interface/Pushbutton



Differentiator: Limitless™ WOI Series is a human interface device that provides operator indication with a pushbutton.

With both momentary and maintained contacts, the

Limitless™ 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.). 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.

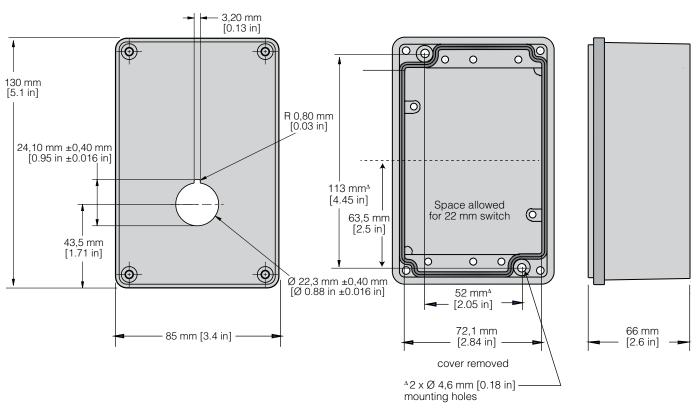
Key Features:

- Aluminum enclosure
- IP65 sealing
- 22 mm flush, 29 mm mushroom, & 40 mm mushroom (push-pull) round pushbutton operators available
- User chosen/installed operator type is allowable
- Momentary and maintained contact options
- Design for ease of installation
- Works with Limitless[™] WMPR, WDRR, and WPMM receivers

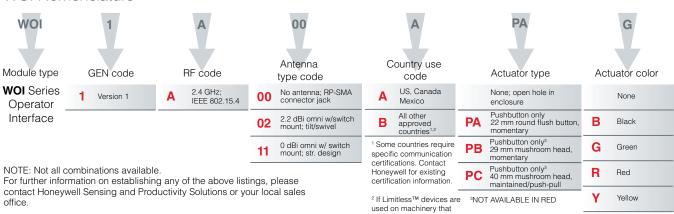


WOI Series Operator Interface

Product type	Limitless™ Operator Interface Switches			
Availability	Global, license-free bands			
Operating force	Momentary pushbutton: 6,2 N \pm 2 N [1.4 lb \pm 0.45 lb] Maintained pushbutton: 7,0 N \pm 2 N [1.6 lb \pm 0.45 lb]			
Actuator type	Pushbutton operators • 22 mm round flush momentary • 29 mm mushroom head momentary • 40 mm mushroom head maintained (push-pull); No operator option available for use with user supplied 22 mm operator and contact blocks			
Actuator/contact blocks (if user supplied)	22 mm switch design (i.e. 22 mm rotary switch, 22 mm key switch, etc.) /gold contact, normally open and normally closed contact blocks capable of reliably controlling a 30 mA @ 3.6 Vdc electrical load			
Actuator colors	Black, Green, Red*, Yellow * not available for the 29 mm mushroom, & 40 mm mushroom (push-pull) pushbut- tons			
Housing material	Powder-coated aluminum			
Radio	WPAN 802.15.4; 2.4 GHz			
Antenna type	Direct or remote-mount antenna options; Omni directional			
Sealing	IP65			
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1			
Shock	IEC 60068-2-27; half sine, 50 g, 6 mS, 3 axis			
Vibration	IEC 60068-2-6; 10-500Hz w/ 0,35 mm peak-to-peak, 58-500 Hz- 10 g			
Operating tem- perature	-25 °C to 50 °C [-13 °F to 122 °F]			
Agency approvals and standards	FCC 15.247 Industry Canada RSS 210 ETSI, CE mark ACMA, C-Tick mark			



WOI Nomenclature





Applications

Industrial

- CNC action
- Conveyors
- Door/Gate action

may be shipped globally, use Country Code "B".

- 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

Limitless™ Receivers and Monitors | WPMM Series Monitor



Differentiator: Limitless[™] WPMM Monitors deliver output based on a signal from a Limitless[™] device.

Limitless™ WPMM Series wireless panel-mount monitors provide a visual, audio, and output based on a signal received from a Limitless™ input. Limitless™ WPMM monitors offer quick indication of an actuator position change on a paired Limitless™ wireless limit switch.

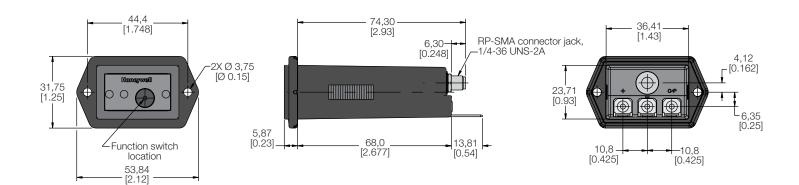
Key Features:

- 10 Vdc to 30 Vdc supply with one NPN output configurable normally open or normally closed output
- Diagnostic functions include lost RF and low battery indication
- Designed primarily for single switch applications, but can monitor multiple wireless switches (sold separately)
- Field pairing function allows for rapid configuration
- Panel-mount enclosure (snap-in or screw mount)
- Polycarbonate, shock resistant, tamper-proof case
- Sealed to IP67
- Multiple LED function/status indicators with audible buzzer (configurable to silent)
- Direct or remote-mount antenna



WPMM Series Monitor

Product type	Limitless™ wireless panel mount monitor			
Series name	WPMM Series			
Availability	Global, license-free RF bands*			
Housing material	LCP, VECTRA E130i			
Housing type	Snap-in panel or screw-mount design			
Radio type	WPAN 802.15.4, 2.4 GHz point to point			
Antenna type	RP-SMA jack for direct mount or remote antenna options; omni-directional standard			
Indication	Three LEDs: green, yellow, red Power indication: green Output indication: red Config./diagnostic: green, yellow, red Buzzer w/ silent option			
Supply voltage	10 Vdc to 30 Vdc			
Supply current	750 mA max.			
Output types	NPN, PNP, solid-state relay			
Load current	5 mA to 200 mA			
Leakage current	50 uA max.			
Voltage drop	1.75 Vdc max. @ max. load @ 25 °C [77 °F]			
Terminal(s)	3			
Termination	Quick connect, 0.25 in male blade			
Sealing	IP67			
Reverse polarity protection	Yes			
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1			
Shock	IEC 60068-2-27; half sine, 10 g, 6 mS, 3 axis			
Vibration	IEC 60068-2-6; 10 Hz to 500 Hz w/ 0,35 mm peak-to-peak, 58 Hz to 500 Hz- 5 g			
Operating temp.	-40 °C to 85 °C [-40 °F to 185 °F]			
Agency approvals and standards	FCC 15.247; IC RSS 210, ETSI, CE mark; ACMA, C-TICK; COFETEL; IDA; ANATEL; WPC; SRRC; KCC			
Size	31,87 mm H x 44,40 mm W x 74,30 mm D [1.25 in H x 1.748 in W x 2.925 in D] ref.			

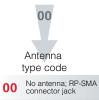


WPMM Nomenclature









01

02

03

04

05

06

07

80

09

10

2.2 dBi omni w/switch mount; straight design

2.2 dBi omni w/switch mount; tilt/swivel

3.0 dBi omni w/remote adhesive mount 9.8 ft cable

5.5 dBi omni w/remote mag. mount, tilt/swivel 5 ft cable

5.5 dBi omni w/remote mag. mount, tilt/swivel 10ft cable

9.0 dBi omni w/remote mag. mount, tilt/swivel 5 ft cable

9.0 dBi omni w/remote mag. mount, tilt/swivel 10ft cable

8.0 dBi omni w/remote bkt. mount, str. design 3 ft cable

8.0 dBi omni w/remote bkt. mount, str. design 11 ft cable

2.2 dBi omni w/remote mag. mount, tilt/swivel 10 ft cable









¹Use with antenna type codes 00 - 03, 05, 10, 11 only; usage also allowed in Country Code A.

²Some countries require specific communication certifications. Contact Honeywell for existing certification information.

³If Limitless devices are used on machinery that may shipped globally, use country code "B"



Applications

- Construction/ag machines
- Conveyors
- Crane boom/jib/skew position
- Door position
- Grain diverters or flaps
- Hose attachment verification
- Lifts
- Material handling
- Movable machinery
- Presses
- Remote or temporary equipment
- Specialty machines
- Valve position

Limitless™ Receivers and Monitors | WDRR Series Receiver



Differentiator: WDRR receiver communicates the Limitless[™] digital input status (i.e. switch open or closed) to a PLC (programmable logic controller) or any host

controller capable of NPN/PNP-type inputs.

The WDRR Series is a reliable din-rail or panel-mountable receiver that is designed to receive a wireless signal from a Limitless™ digital input. Accommodating up to 14 Limitless™ digital inputs, the WDRR Series is for applications requiring multiple wireless inputs. These inputs communicate to a PLC or host controller via NPN or PNP-type output, along with RF communication and battery diagnostics. Blue LEDs give visual confirmation that the system is wirelessly connected.

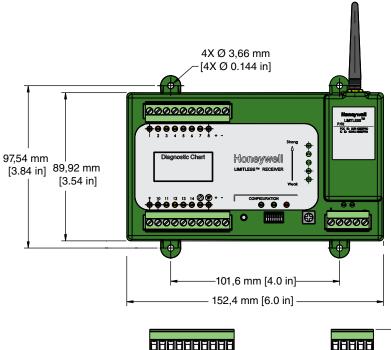
Key Features:

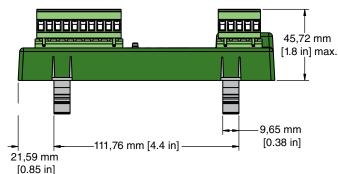
- DIN Rail or screw mount
- Cage clamp screw terminal blocks for input/output connections
- Sealed to IP20
- Multiple LED function and status indicators
- LED RF signal strength indication for up to 14 Limitless™ inputs
- Direct or remote-mount antenna



WDRR Series Receiver

V V DI II I OCITO	0 1 10001 01
Product type	Limitless™ wireless din-rail receiver (PLC interface)
Series name	WDRR Series
Availability	Global, license-free RF bands*
Housing material	Flame retardant ABS
Housing type	DIN Rail or screw-mount design
Radio type	WPAN 802.15.4, 2.4 GHz point-to-point
Antenna type	RP-SMA jack for direct mount or remote antenna options; omni-directional standard
Indication	Configuration LEDs: green, yellow, red 14 output/diagnostic LEDs: green, yellow, red. Low battery & lost RF output LEDs: red, green. RF signal strength LEDs: blue
Supply voltage	10 Vdc to 28 Vdc
Supply current	500 mA max.
Output type	Selectable: NPN-type current sinking open collector or NPN-type "totem pole"; PNP-type current sourcing open collector or PNP-type "totem pole"
Load current	10 mA max.
Leakage current	100 uA max.
Voltage drop	2.0 Vdc max. @ max. load @ 25 °C [77 °F]
Terminal(s)	18 usable
Termination	Cage-clamp screw terminal blocks
Sealing	IP20
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1
Shock	IEC 60068-2-27; Half sine, 10 g, 6 mS, 3 axis
Vibration	IEC 60068-2-6; 10-500Hz w/ 0,35 mm peak-to-peak, 58-500 Hz- 5 g
Operating temp.	-20 °C to 70 °C [-4 °F to 158 °F]
Agency approvals and standards	FCC 15.247; IC RSS 210, ETSI, CE mark; ACMA, C-TICK; COFETEL; IDA; ANATEL; WPC; SRRC; KCC
Size	88,9 mm H x 152,4 mm W x 38,1 mm D [3.5 in H x 6 in W x 1.5 in D] ref.

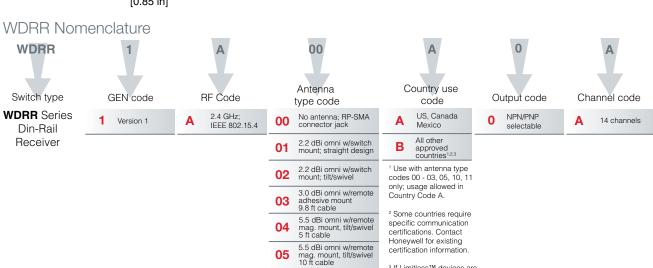






Applications

- Construction/ag machines
- Conveyors
- Crane boom/jib/skew position
- Door position
- Grain diverters or flaps
- Hose attachment verification
- Lifts
- Material handling
- Movable machinery
- Presses
- Remote or temporary equipment
- Specialty machines
- Valve position



9.0 dBi omni w/remote mag. mount, tilt/swivel 5 ft cable

9.0 dBi omni w/remote mag. mount, tilt/swivel 10 ft cable

8.0 dBi omni w/remote bkt. mount, str. design 3 ft cable

8.0 dBi omni w/remote bkt. mount, str. design 11 ft cable

2.2 dBi omni w/remote mag. mount, tilt/swivel 10 ft cable

06

07

80

09

10

³ If Limitless™ devices are

used on machinery that

may be shipped globally, use Country Code "B".

Limitless™ Receivers and Monitors | WMPR Series Multi-Protocol Receiver



Differentiator: WMPR multi-protocol receiver is designed to receive a wireless signal from a Limitless™ digital

or analog input or node. The WMPR Series receiver then communicates the LimitlessTM digital or analog node status (i.e., switch open or closed, pressure value) to an EtherNet/IPTM compliant Master device (i.e., programmable logic controller).

The WMPR Series is a reliable din-rail or panel-mountable receiver. Accommodating up to 14 Limitless™ digital or analog nodes, the WMPR Series is designed for applications requiring multiple wireless inputs. The WMPR Series receiver is menu driven through the use of function buttons and an easy-to-read LCD. The menu allows the user to see the status of the nodes, configure nodes, and update receiver functionality.

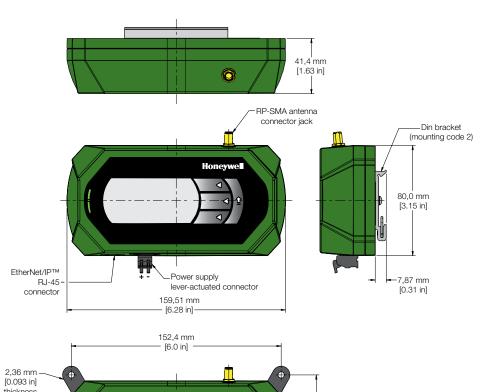
Key Features:

- LCD's function buttons on the front panel allow the user to easily navigate through the menu to obtain status of the switch actuation state, sensor value, battery condition, RF signal loss, node pairing, node update rate, fault indications, etc.
- Output is ODVA certified EtherNet/IP Conformance Tested™
- Indication for up to 14 Limitless[™] digital or analog nodes
- DIN Rail or screw mount
- Direct or remote-mount antenna



WMPR Series Multi-Protocol Receiver

VVIVII I I OCTIO	3 Marti i Totocol i Tococivol
Product type	Limitless™ wireless multi-protocol receiver
Availability	Global
Housing material	Flame-retardant ABS (Acrylonitrile Butadiene Styrene)
Housing type	35 mm din-rail bracket or through-hole mounting plate design, 3,5 mm [#8] machine screws
Radio type	WPAN 802.15.4, 2.4 GHz
Antenna type	RP-SMA jack for direct mount or remote antenna options; omni-directional standard
Indication	LCD display with function button navigation of a menu program Configuration LEDs: green, blue, red
Supply voltage	10 Vdc to 30 Vdc
Supply current	500 mA max.
Output type	EtherNet/IP™ (ODVA - EtherNet/IP Conformance Tested™)
Output connector	RJ-45 connector
Supply connector	Lever actuating connector
Sealing	IP20
ЕМС	Latest applicable standards: EN 300 328, V1.8.1; EN 61326-1 (2013); EN 301 489-1, V1.9.2; EN 301 489-17, V2.2.1
Shock	IEC 60068-2-27; half sine, 10 g, 6 mS, 3 axis
Vibration	IEC 60068-2-6; 10 Hz to 58 Hz with 0,75 mm peak-to-peak, 58-500 Hz @ 5g
Operating temp.	-20 °C to 70 °C [-4 °F to 158 °F]
Agency approvals and standards	FCC 15.247: United States of America IC RSS 210: Canada ETSI, CE mark: European
Size	81,3 mm H x 160 mm W x 43,2 mm D [3.2 in H x 6.3 in W x 1.7 in D] ref.



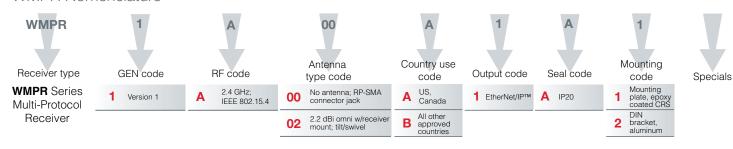


Applications

- Valve position
- Lifts
- Material handling
- Presses
- Conveyors
- Remote or temporary equipment
- Safety shower/eye-wash stations
- Grain diverters or gates
- Mold injection machines
- Door or gate position
- Hose attachment verification
- Specialty machines

2,36 mm [0.093 in] thickness Honeywel 4X Ø 4,57 mm [4X Ø 0.18 in] Mounting plate (mounting code 1)

WMPR Nomenclature



Limitless™ Accessories | Antennas

Antenna Accessories

	Part number	Replacement antenna mount or cable	An- tenna design	Ant. gain (max.)	Con- nector/ mounting	Dimensions	Antenna material	Cable material/type	Mount material
	WAN01RSP	-	straight	2.2 dBi	RP-SMA plug/direct mount	Ø 9,91 mm x 112,78 mm L [Ø 0.39 in x 4.44 in L]	UV stable ABS plastic	-	_
/	WAN02RSP	-	tilt/swivel	2.2 dBi	RP-SMA plug/direct mount	Ø 9,91 mm x 112,78 mm L [Ø 0.39 in x 4.44 in L]	UV stable ABS plastic	-	-
	WAN03RSP	-	flat	3.0 dBi	RP-SMA plug/adhesive mount	115 mm L x 22,1 mm W x 4,57 mm D [4.53 in L x 0.87 in W x 0.18 in D] 3 m [9.8 ft] cable	UV stable ABS	UV stable PVC/ RG- 174 coax	_
1	WAN04RSP	WAMM100RSP-005 base with 1,52 m [5 ft] of cable	tilt/swivel	5.5 dBi	RP-SMA plug/direct mount	Ø 12,7 mm x 208,28 mm L [Ø 0.50 in x 8.20 in L]	UV stable molded polyure- thane	UV stable PVC/ RG- 174 coax	UV stable black ABS
	WAN04RSP	WAMM100RSP-010 base with 3,05 m [10 ft] of cable	tilt/swivel	5.5 dBi	RP-SMA plug/direct mount	Ø 12,7 mm x 208,28 mm L [Ø 0.50 in x 8.20 in L]	UV stable molded polyure- thane	UV stable PVC/ RG- 174 coax	UV stable black ABS
	WAN05RSP	WAMM100RSP-005 base with 1,52 m [5 ft] of cable	tilt/swivel	9.0 dBi	RP-SMA plug/direct mount	Ø 12,7 mm x 384,05 mm L [Ø 0.50 in x 15.12 in L]	UV stable molded polyure- thane	UV stable PVC/ RG- 174 coax	UV stable black ABS
	WAN05RSP	WAMM100RSP-010 base with 3,05 m [10 ft] of cable	tilt/swivel	9.0 dBi	RP-SMA plug/direct mount	Ø 12,7 mm x 384,05 mm L [Ø 0.50 in x 15.12 in L]	UV stable molded polyure- thane	UV stable PVC/ RG- 174 coax	UV stable black ABS
•	WAN06RNJ	WCA200RNPRSP-002 coax cable assembly 0,682 m [2 ft]	straight	8.0 dBi	RP-N jack/ bracket	Ø 33,5 mm x 427,9 mm L [Ø 1.32 in x 16.85 in L]	UV stable fiberglass	UV stable PVC/RG- 316 coax, UV stable Polyethylene/200 Se- ries coax	300 series SST aluminum alloy
	WAN06RNJ	WCA200RNPRSP-010 coax cable assembly 3,05 m [10 ft]	straight	8.0 dBi	RP-N jack/ bracket	Ø 33,5 mm x 427,9 mm L [Ø 1.32 in x 16.85 in L]	UV stable fiberglass	UV stable PVC/RG- 316 coax, UV stable Polyethylene/200 Se- ries coax	300 series SST aluminum alloy
	WAN07RSP	-	straight	0 dBi	RP-SMA plug/direct mount	Ø 8,0 mm x 30 mm L [Ø 0.32 in x 1.18 in L]	UV stable	-	-
	WAN08RSP	_	90°	0 dBi	RP-SMA plug/direct mount	Ø 8,0 mm x 29 mm L [Ø 0.34 in x 1.14 in L]	UV stable	-	-
9	WAN09RSP	_	low profile mobile	3.0 dBi	RP-SMA plug/magnetic	Ø 76,2 mm x 115 mm L [Ø 3.0 in x 4.54 in L] 3,05 m [10 ft] cable	UV stable ABS plastic	UV stable black PVC	Nickel-plated steel
	WAN10RSP	-	straight	5.0 dBi	RP-SMA plug/magnetic	Ø 76,2 mm x 230,1 mm L [Ø 3.0 in x 9.06 in L] 4,57 m [15 ft] cable	Nickel-plated steel	UV stable black PVC	Nickel-plated steel
	WAN11RSP	-	low profile mobile	4.0 dBi	RP-SMA plug/thru-hole screw	Ø 39 mm x 42,4 mm L [Ø 1.54 in x 1.67 in L]	UV stable black PVC	UV stable black PVC	Nickel-plated steel
	WAN12RSP	-	straight	2.0 dBi	RP-SMA plug/direct mount	Ø 10 mm x 79,5 mm L [Ø 0.39 in. x 3.13 in. L]	UV stable ABS plastic	-	_

Limitless™ Compatibility & Approvals Matrices

Limitless™ Solution Compatibility Matrix

(which Limitless™ switches and sensors work with which receivers)

Available output	Series	WGLA	WLS	WLS-EP	WLS-SSA	WLS-NC	WBX	WPS	WOI
NPN, PNP, solid state relay	WPMM	✓	✓	✓	✓	√	√		✓
NPN, PNP selectable	WDRR	√	√	√	√	√	√		✓
Ethernet/IP™	WMPR	\checkmark	✓	✓	√	√	\checkmark	✓	\checkmark

Limitless™ Approvals Matrix

(which Limitless™ switches and sensors are approved to work in which country)

Country	Approval	WGLA	WLS	WLS- EP	WLS- SSA	WLS- NC	WBX	WPS	woı	WPMM	WDRR	WMPR
United States	FCC	✓	√	√	✓	√	√	✓	√	✓	✓	√
Canada	IC	✓	\checkmark	√	✓	√	√	√	√	✓	✓	√
Europe	ETSI	✓	\checkmark	✓	✓	✓	✓		√	✓	✓	√
Australia/New Z.	ACMA	✓	\checkmark	✓	✓	✓	✓	✓	√	✓	✓	
Mexico	COFETEL	✓	\checkmark	√	✓	✓				√	✓	
Singapore	IDA	✓	\checkmark	✓	✓	√				✓	✓	
Brazil	ANATEL	✓	\checkmark	√						✓	✓	
China	SRRC	✓	\checkmark	√						✓	√	
South Korea	ксс	✓	\checkmark	√						✓	✓	
India	WPC	\checkmark	\checkmark		✓	√				✓	✓	
Intrinsically	safe						√					

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

At Honeywell, 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™ solutions 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.

Part Innovation. Part Engineering. Total Solutions.

Limitless™ Solutions

- · Wireless global limit switches
- · Wireless heavy-duty switches
- · Wireless hazardous location switches
- · Wireless monitors and receivers
- Wireless operator interface
- Wireless pressure sensors

Potential Applications

- Construction/Ag machines
- Conveyors
- Crane/boom/jib/skew position
- Door position
- · Grain diverters or flaps
- Hose attachment verification
- Lifts
- Material handling machinery
- Moveable machinery
- Presses
- Remote or temporary equipment
- · Safety showers
- Valve position

Find Out More

honeywell.com

To learn more about Limitless™ wireless solutions, contact a Honeywell representative today at **1-800-537-6945** or visit **honeywell.com/limitless**

Sensing and Productivity Solutions Honeywell 1985 Douglas Drive North Golden Valley, MN 55422

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,

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.

SALES AND SERVICE

Honeywell serves its customers through a worldwide network of sales offices, representatives and distributors. For application assistance, current specifications, pricing or name of the nearest Authorized Distributor, contact your local sales office or:

E-mail: info.sc@honeywell.com **Internet:** sensing.honeywell.com

Phone and Fax:

Asia Pacific +65 6355-2828; +65 6445-3033 Fax
Europe +44 (0) 1698 481481; +44 (0) 1698 481676 Fax
Latin America +1-305-805-8188; +1-305-883-8257 Fax
USA/Canada +1-800-537-6945; +1-815-235-6847

+1-815-235-6545 Fax

