

WEL-200



WIRELESS EDGE LINK

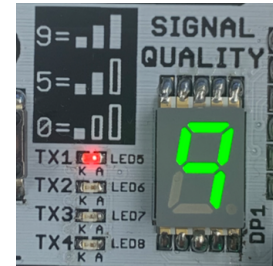
The WEL-200 provides a complete wireless solution for interfacing sensing edges with gate and door operators.

Key features include:

- **Long Range Operation:** Operates up to 200 ft. (line of sight) between the transmitter and receiver.
- **Multiple Transmitter Support:** Connects with up to four transmitters, providing separate relay and pulse outputs for open and close edge functionality.
- **Durable:** Housed in rugged, watertight NEMA 4X enclosure.
- **Universal & Compliant:** UL325 Compliant and Compatible with both 8.2K and 10K monitored safety edges.
- **Long Life:** WEL transmitters will operate for two years on two AA lithium batteries.

NEW! Radio Signal Quality Display:

The WEL-200 Receiver features a one-digit display that reports signal quality (0 to 9) for the selected transmitter, allowing for quick assessment of connection strength.



With enhanced diagnostic features, the WEL-200 receiver makes installation and maintenance easy and reliable. Feedback is provided for all fault modes, including edge open and short conditions, low battery and failed transmitters. The WEL receiver supports all monitoring methods, including normally closed (NC), resistive termination (10K) and pulse output.

WEL-200



scan here for more information



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Wireless Edge Link

- UL325-2018 compliant
- NC, 10K and pulse monitoring
- Up to 200 ft. operating range (line of sight)
- Connect up to 4 safety edge transmitters
- NEMA 4X enclosure



WEL-200T



WEL-200R

Technical Data

Operating Range

Operating Frequency

Response Time

Power/Fault Indicator

Channel Status Indicator

Channel Mode Selection Switch

Outputs

Resistive Termination

Power Protection

Environmental Rating

Power Supply

Battery Life

Current Draw

Operating Temperature

Dimensions (L x W x H)

Weight

Connections

WEL-200T

Up to 200 ft. (line of sight)

915 MHz

100ms

Green transmit/status LED

NA

NA

NA

NA

Thermal fuse

NEMA 4X

3-3.6 VDC (2x AA batteries)
(ANSI 15-LF, IEC-FR14505 (FR6))

2 years at 25°C

NA

-40°...60°C (-40°...140°F)

180mm (7.0") x 32mm
(1.3") x 67mm (2.6")

170g (6 oz.)

2 terminals (18-26AWG)

WEL-200R

Up to 200 ft. (line of sight)

915 MHz

100ms

Red power LED/green channel LED

Green LED

Assign each channel to OPEN/CLOSE function

- OPEN relay: Form C contacts (NO, COM, NC)
- CLOSE relay: Form C contacts (NO, COM, NC)
- OPEN pulsed: Open collector transistor output (opto-isolated)
- CLOSE pulsed: Open collector transistor output (opto-isolated)

10K ohm across NO contact (jumper selectable)

Thermal fuse, MOV

NEMA 4X

12-24 VAC/VDC

NA

1 Relay - 42mA, 2 Relay - 70mA

-40°...60°C (-40°...140°F)

140mm (5.5") x 34mm
(1.3") x 90mm (3.5")

200g (7 oz.)

12 terminals (18-26AWG)

Ordering Information

- WEL-200K Wireless Edge Link kit, 1 transmitter and 1 receiver
- WEL-200T Wireless Edge Link transmitter
- WEL-200R Wireless Edge Link receiver

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 1.3 02/04/2020

