**DESCRIPTION**

BEA's 900 MHz compact transmitters and receiver allow wireless activation of any door control. FCC Part 15 certification ensures proper compliance with federal radio frequency regulations.

900 MHz wireless technology provides greater line-of-sight transmission distance than legacy wireless frequencies. It also provides better penetration of obstacles such as walls, partitions, doors or low-emissivity glass.

BEA's 900 MHz series of wireless devices includes the touchless retrofit transmitter for easy upgrade of touch push plates to touchless solutions, which typically require additional wires to be run for installation.

The 900 MHz industrial series offers a line of NEMA 4 rated hand-held transmitters, ideal for industrial environments. This series also has a convenient belt-clip accessory.

**FEATURES & BENEFITS**

- A combination of the industry's most compact 900 MHz transmitters and receiver for optimal installation convenience
- Multi-color LEDs on receiver provide installer with visual notification of signal strength and activation status
- Frequency hopping allows consistent transmission in areas with other 900 MHz devices
- A battery-powered, hardwired transmitter is ideal for push plate applications
- Enhances accessibility for those with limited mobility or disabilities
- 1, 2, 3 and 4 button hand-held transmitters provide flexibility where multiple receivers are used
- Extended hold and toggle/pulse functionality is integrated for various application needs
- Delay and no-delay learn modes provide either instant or delayed activation for the sequencing of doors
**Applications**

- Wireless Actuators
- Wireless Gate Activation
- Limited Mobility
- Multiple Doors Per Transmitter

**Technical Specifications**

- **Frequency**: 908 – 918 MHz
- **Radio Control Type**: Digital
- **Emitted Radio Power**: −25 dBm (TX)
- **Power Consumption**:
  - Standard: 30 mA (TX), 13 mA (TX), 22 mA (RX), 40 mA (RX)
  - Industrial: 30 mA (TX), 22 mA (RX)
  - Retrofit: 22 mA (TX), 30 mA (RX)
- **Supply Voltage**: 12 – 24 VAC / VDC
- **Contact Rating**:
  - 1.0 A @ 30 VDC
  - 0.3 A @ 60 VDC
  - 0.5 A @ 125 VAC
- **Operating Temperature**: 14 – 131 °F (−10 – 55 °C)
- **Transmitter Capacity (per receiver)**:
  - Programmable (standard): 75
  - Universal: Unlimited
- **LEDs**:
  - Red (Receiver learn): Transmitting
  - Blue (Relay activation): Blinking = low battery
  - Tri-color (Signal strength)
- **Dimensions**:
  - **Transmitter**:
    - Standard Hand-Held: 2.75" (W) x 1.38" (D) x 0.56" (H)
    - Standard Push-Plate Transmitter: 1.75" (W) x 1.0" (D) x 0.3" (H)
    - Industrial Hand-Held: 1.5" (W) x 3.0" (D) x 0.5" (H)
    - Retrofit: 1.72" (W) x 1.06" (D) x 0.32" (H)
  - **Receiver**: R0900: 2.5" (W) x 2.0" (D) x 0.75" (H)
- **Norm Conformance**: All: FCC, IC  Industrial Hand-Held: IP65 / NEMA 4

**Related Products**

- 10RD900 900 MHz Receiver Module
- 10TD900HHX 1–4 Button Standard Transmitter
- 10TD900NDHHX 1–4 Button Nema 4 Rated Transmitter
- 10BELTCLIP Industrial Transmitter Beltclip Accessory
- 10TD900PB Hardwired Transmitter
- 10TD900TR 900 MHz Retrofit Transmitter

**Dimensional Drawings**

- Receiver: 2.75 in x 1.38 in x 0.56 in
- Standard Hand-Held Transmitter: 2.75 in x 1.38 in x 0.56 in
- Industrial Hand-Held Transmitter: 1.5 in x 3.0 in x 0.5 in
- Retrofit Transmitter: 1.72 in x 1.06 in x 0.32 in

**Bea’s Universal Transmitter (10TD900HH1U)**

- Bea’s Universal Transmitters Function Directly Out of the Box...No Programming Required, Saving Time and Enhancing Accessibility.
- *Compatible with 10RD900 and 10BR2900 Modules.
- **Not Intended for Security Applications"