

RCI 912 Series

Touch-free actuators



Wireless, battery power, infrared motion detection technology

The RCI 912 Series wireless, battery power, actuators utilize proven infrared motion detection technology to ensure consistent, dependable touch-free activation and can be adjusted to comply with ANSI knowing act applications.

The 912 Series is available in three models (with or without receivers) including for glass wall or smooth surface applications. The 912 actuator detects moving objects such as a hand, reflective object, cart, or wheelchair and relays a signal to a receiver triggering an automatic door opener. It is ideal for use in hospitals, pharmacies, clean rooms, food service facilities, and other applications requiring a hygienic touch free activation method.

Features & Benefits

- Infrared Motion Detection Technology
- Touch Free Activation with hand or reflective object provides clean and hygienic activation (less than 130 ms).
- Silent activation for hospitals and other noise-sensitive environments
- 2.4Ghz transmitter and receiver (line of site +30 meters / 100ft)
- Detection distance is adjustable from 3-30 cm (1"-12")
- SPDT relay output can be used for signaling/switching automatic doors and access control (3A @ 30VDC)
- Low power consumption providing long battery life
- (4"AA"-912, 2"AA"-912N, 2"AAA"-912GL). Batteries not included.
- Selectable activation output between 1.5 seconds or "latching", meaning activation "on", activation "off"
- Receiver voltage input 12~30 VDC

Applications:



Swing doors



Sliding doors



Glass stone or marble surfaces



Specifications

Part numbers	912-WBT	912N-WBT	921GL-WBT	912-R
Power Input AA batteries	6VDC	3VDC	3VDC	12-30VDC
Style	Double-gang	Mullion	Surface Applied	N/A
Static Current	80mA	80mA	80mA	30mA
Main Contact Capacity	N/A	N/A	N/A	3A @ 30VDC SPDT
Battery Life	Approx. 450 days*	Approx. 250 days*	Approx. 250 days*	N/A
Emission Current	10mA	10mA	10mA	N/A
Infrared Modulation Frequency	38KHz	38KHz	38KHz	N/A
Infrared Scanning Interval	100ms	100ms	100ms	N/A
Response time	≤130ms	≤130ms	≤130ms	≤130ms
Transmitter Range	100' (30m)	100' (30m)	100' (30m)	N/A
Dimensions (In) (cm)	5" x 5" x 1.75"	4.75" x 2" x 1.75"	3.375" x 3.375" x 0.565"	4.8" x 1.96" x 1.25"
Working Temperature	-43°F ~ 113°F	-43°F ~ 113°F	-43°F ~ 113°F	-43°F ~ 113°F
Working Humidity	10-90%RH	10-90%RH	10-90%RH	10-90%RH
Certification	FCC			

How To Order

Parts	Description	Parts	Description
912-WBT	Single switch	912-R	Receiver
912-WBT-R	Single switch & receiver		
912-2WBT-R	Double switch & receiver	912GL-WBT	Single switch
912-WBT-HC	Single switch (wheelchair icon)	912GL-WBT-R	Single switch & receiver
912-WBT-R-HC	Single switch & receiver (wheelchair icon)	912GL-2WBT-R	Double switch & receiver
912-2WBT-R-HC	Double switch & receiver (wheelchair icon)		
912N-WBT	Narrow single switch	912GL-WBT-HC	Single switch (wheelchair icon)
912N-WBT-R	Narrow single switch & receiver	912GL-WBT-R-HC	Single switch & receiver (wheelchair icon)
912N-2WBT-R	Narrow double switch & receiver	912GL-2WBT-R-HC	Double switch & receiver (wheelchair icon)
912N-WBT-HC	Narrow double switch (wheelchair icon)		
912N-WBT-R-HC	Narrow single switch & receiver (wheelchair icon)		
912N-2WBT-R-HC	Narrow double switch & receiver (wheelchair icon)		

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