

RCI 912 Series

Touch-free actuators



912-WBT



912N-WBT



912GL-WBT

Wireless, battery power, touch-free actuators come with 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, available in three models including 912GL for glass wall or door applications, detects moving objects such as a hand, reflective object, cart, or wheelchair and 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



Technical Specifications

Part numbers:	912 -WBT	912N-WBT	912GL-WBT	912R (Receiver)
Power Input AA batteries	12~30VDC	12~30VDC	12~30VDC	6V
Style	Double-gang	Mullion	Surface Applied	N/A
Static Current	30mA	30mA	30mA	≤80uA
Action Current	74mA (DC12V pwr)	74mA (DC12V pwr)	74mA (DC12V pwr)	N/A
Main Contact Capacity	3A, 30VDC, SPDT	3A, 30VDC, SPDT	3A, 30VDC, SPDT	N/A
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	N/A	N/A	N/A	≤130ms
Transmitter Range				>100'
Dimensions	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"
Certification	FCC (*manufacturer record)			
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

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