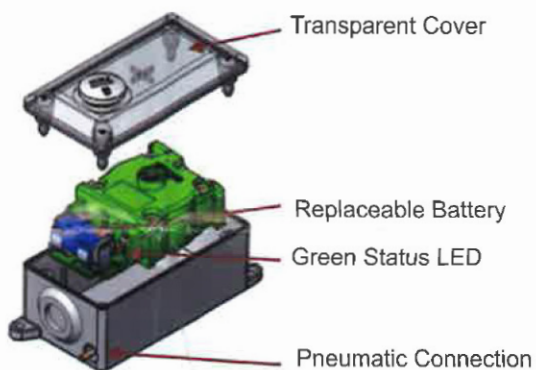


DW-RS-200 – PROGRAMMING INSTRUCTIONS

Description

RADIOSWITCH made by Vitector is a pneumatic switch that sends a radio signal to the receiving unit upon activation. The small radio transmitter unit and the pneumatic switch are packaged within the DW 3S-200 case while the receiver is built into a NEMA4 case. For easy connection to a control unit it is equipped with a NCC (normally closed contact) relay and NOC (normally open contact) relay outputs.

Radio Transmitter DW TR – 200



Technical Specifications DW TR - 200

General specifications	
Frequency band	433 MHz, modulated frequency
Coding	Fixed codes, 65,000 different codes available
Protection class	NEMA 4
Temperature range	-4 °F to +140 °F
Transmitting range	Up to 330 ft
Battery	Lithium CR2032, 3,0 V, 220 mAh, replaceable
Battery Lifetime	up to 75,000 activations, max. 4 years
Status LED	Green

Receiver Unit RSW-DW-R 433MHz NCC/NO



Technical Specifications RSW-DW-R 433MHz NCC/NO

General specifications		
Receiving channels	2	
Response time	Minimum 35 ms (without radio interference)	
Protection class	NEMA 4	
Case material	ABS transparent grey, PA6 GF30, TPE	
Dimensions	2.95 x 1.57 x 0.51 inch without wiring	
Connection	4-core connection wire LIYY 4x0,14 ² Length 3.28 ft Cable head 1.97 inch dismantled, twisted and tinned Isolation stripped 0.2 inch Brown: +24V(AC/DC) White: 0V (Ground) Green/Yellow: NOC relay output Green/Black: NCC Relay output	
Current drawn	max. 30 mA	
Signal output	NCC (Normally closed)	NOC (normally open)
Status OK	Closed	Open
Status Crash / Error	Open	Closed
Status LED	green	

DW-RS-200 – PROGRAMMING INSTRUCTIONS

Factory Default Setting

Transmitter with fixed code, receiver non-programmed, upon switching on the receiver the status LED is permanently green, receiver has to be programmed before first use. When receiving a signal from any compatible transmitter, the status LED flashes briefly before going back to green permanently.

Programming

One (1) Transmitter: Press programming button for 3 seconds, LED flashes slowly. Now activate the DW switch within 5 minutes. Upon receiving the DW signal, the receiver LED rapidly flashes 8 times while the code is being saved and then the LED flashes slowly. Press button for 3 seconds*. After that, the LED goes off.

Two (2) Transmitters: Press programming button for 3 seconds, LED flashes slowly. Now activate the first DW switch within 5 minutes. Upon receiving the DW signal, the receiver LED rapidly flashes 8 times while the code is being saved and then the LED flashes slowly. Now activate the second DW switch within 5 minutes. Upon receiving the DW signal, the receiver LED again will rapidly flashes 8 times while the code is being saved. After that, the LED goes off.

*Note: Any longer than 3 seconds and the Receiver will require reprogramming.





Delete Programming or Re-Program







Pressing the programming button for 3 seconds deletes the currently saved code from memory and the receiver can be re-programmed as described above.

Low Battery

If the battery voltage drops below a certain value, the transmitter's LED flashes twice (instead of once) and battery replacement should be considered. Additionally, if the battery is not replaced the receiver's LED will flash from now on. If the voltage drops below a critical level, the receiver LED will flash slower indicating that the relay gate is no longer being set.

Status LED Conditions

Transmitter LED		
Activity	LED	Description
Off		idle
Flashes once		activation signal is being transmitted. System OK
Flashes twice		Activation signal is being transmitted with reduced power, battery is low. Replace battery!
Flashes 3 x		Activation signal is being transmitted with heavily reduced power, battery is nearly empty, no relay activation Replace battery immediately!

Receiver LED		
Activity	LED	Description
Off		idle
Flashing steadily		Ready for being programmed
Rapidly flashes 8 x		Transmitter code is being saved
Flashes once		Relay gate is being set. System OK
Flashes permanently		Relay gate is being set. Transmitter battery low, consider replacing
Blinking permanently		Relay gate is not being set. Transmitter battery very low, Replace immediately