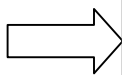
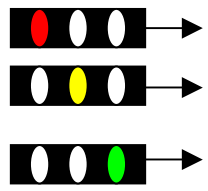


# SPEC431

## Valve Sensor Programming- WCB Double Seat Valves

**Run Mode Display:**  
Double Seat Valves Series W70



After power up, the sensor goes automatically into run mode.	<b>Output Conditions</b> 
<b>Note:</b> A Green blinking LED means that the sensor was powered up without a target present. Power down and power up with target present. A Red blinking LED means that the target is out of range. Re-position target within sensing area. No LED means no output has been triggered.	

**Programming Steps:  
Double Seat Valves W70  
& W60 3 POS-AR ACTUATOR**

1	Push and Hold <b>P</b> button for 2 seconds to enter programming mode. All LED's will blink twice.
2	The Red LED will be ON. The sensor is ready to be taught the Closed position.
3	Make sure valve stem is at the Closed position. Push <b>T</b> button for ½ second. If teach has been successful, the LED will move to the Yellow position (Seatlift).
4	Move the valve stem to the Lower Seatlift position. Push <b>T</b> button for ½ second. If teach has been successful, the LED will move to the Green position (Valve open).
5	Move valve stem to the Open position. Push <b>T</b> button for ½ second. If teach has been successful, the LED will move to back to the Red position (Valve close).
6	After all positions are taught. Hold down <b>P</b> button until the Green LED blinks. Release <b>P</b> button to exit programming mode.
7	If positions are taught correctly, all LEDs blink twice. If there is an error, the Red LED will blink. Push <b>P</b> button once to reset alarm. Repeat steps 1-7 to reprogram sensor.

Note: Valve Sensor can only be programmed when assembled to a functioning valve.

If teach unsuccessful, Red LED remains ON. Repeat programming steps.
If teach unsuccessful, Yellow LED remains ON. Repeat programming steps.
If teach unsuccessful, Green LED remains ON. Repeat programming steps.

**Note:** The P button (Position) can be used to toggle between Red, Green, and Yellow. Use this button in case you want to teach first Valve Open or Valve Seatlift position. The default is set for Close position (Red LED) as starting point.

**Locking/Unlocking:  
In Run Mode**

1	Push and Hold <b>T</b> and <b>P</b> button together for 10 seconds. Release when Red, Yellow, and Green LED's are ON one after.
2	Follow same procedure to unlock sensor.