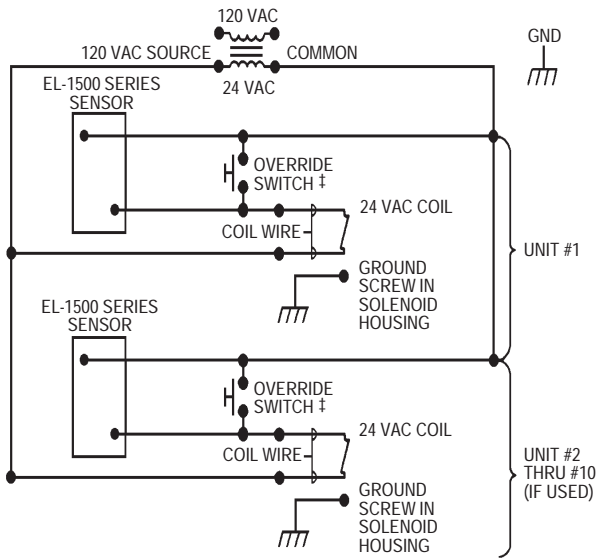


NOTE: A MAXIMUM OF TEN (10) SENSOR FLUSHOMETER OR THREE (3) LAVATORY FAUCET UNITS CAN OPERATE FROM ONE (1) SLOAN EL-154 TRANSFORMER. CLASS 2 UL LISTED, 48 VA (MIN.) AT 24 VAC, PLATE MOUNTED.



‡ OVERRIDE SWITCH USED WITH WATER CLOSETS ONLY.

Figure 1
WIRING DIAGRAM

INSTALLATION AND REPLACEMENT

1. Disconnect 24 VAC power supply at the transformer or the fuse box.
2. Remove the Cover Plate and old Sensor from the wall installation. Use a 5/64" hex wrench to remove the Cover Plate Screws.
3. Connect one 24 VAC lead to the Sensor terminal labeled "24 VAC IN." (See Figure 2.)
 - On an old three-wire EL-150 series Sensor, this wire was connected to the BLACK Sensor lead.
 - On an old four-wire EL-150 series Sensor, this wire was connected to the BROWN Sensor lead.
4. Connect one Solenoid lead to the Sensor terminal labeled "TO VALVE." (See Figure 2.)
 - On an old three-wire or four-wire EL-150 series Sensor, this wire was connected to the RED Sensor lead.
5. Connect the remaining 24 VAC lead to the remaining Solenoid lead.
 - On an old three-wire EL-150 series Sensor, these wires were connected to the WHITE Sensor lead.
 - On an old four-wire EL-150 series Sensor, these wires were connected to the YELLOW and BLUE (or in very early models, the inner BROWN) Sensor leads.
6. On Water Closet installations only, connect the Override Button (shown as the Override Switch in Figure 1 Wiring Diagram) parallel to the EL-1500-L Sensor.
7. The illustration of the Sensor on the front cover of these installation instructions shows an orientation arrow on the Lens side of the Sensor. Reinstall the Sensor with the arrow pointing UP. Replace the Cover Plate and tighten the Cover Plate Screws.
8. Reconnect the 24 VAC power supply at the transformer or the fuse box.

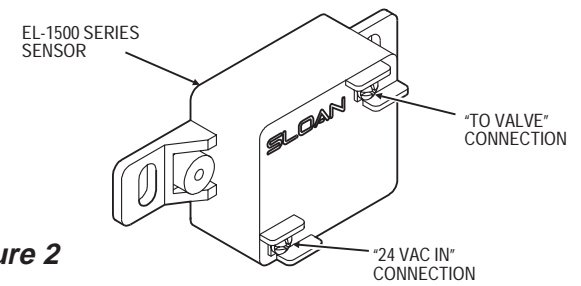


Figure 2

START-UP MODE

The self adaptive sensor automatically adapts to the surrounding environment when 24 volt supply is activated. No manual adjustments are required.

Start-up mode will take approximately five (5) minutes to complete its cycle and is important that no non-permanent target is present at this time. A continuous red light visible in sensor window indicates sensor is in the start-up mode. If the red light is flashing, this indicates that the sensor is picking up a target. Unless this target is a permanent fixture in the sensor's environment (i.e., a wall or stall door), it must be removed from the view of the sensor. If this target is permanent, the sensor will adapt itself around this target. In this case, the start-up mode may take up to ten (10) minutes. When the start-up cycle is completed, there will be no light visible in the sensor window.

Note: If the 24 volt power supply is ever interrupted for longer than fifteen (15) seconds, the start-up mode automatically begins when power is restored.

Incorrect wiring or a short in the 24 volt power supply is indicated by a continuous warning signal seen in the Sensor window. The visible red light flashes an "SOS" signal: three (3) slow, three (3) fast, three (3) slow flashes.