

Figure 7. Orientation for a height difference

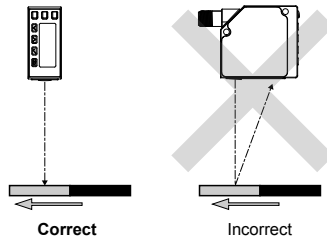


Figure 8. Orientation for a color or luster difference

Sensor Mounting

1. If a bracket is needed, mount the sensor onto the bracket.
2. Mount the sensor (or the sensor and the bracket) to the machine or equipment at the desired location. Do not tighten at this time.
3. Check the sensor alignment.
4. Tighten the screws to secure the sensor (or the sensor and the bracket) in the aligned position.

Wiring Diagrams

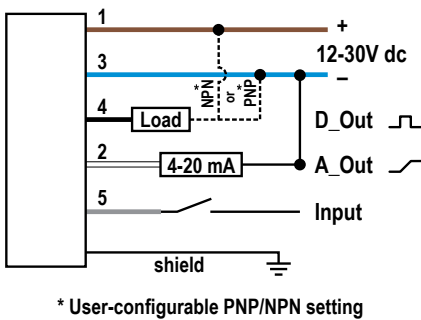


Figure 9. Analog Current Model

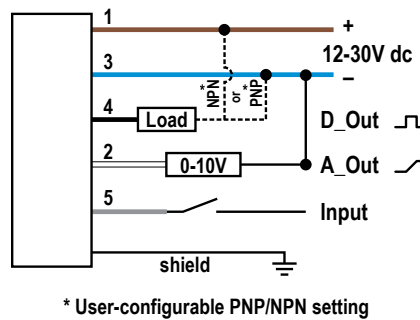
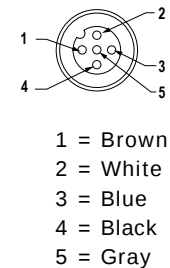


Figure 10. Analog Voltage Model

Key



Display



Figure 11. LE550 Display in Run Mode

The display is a 2-line, 8-character LCD. The main screen is the Run mode screen, which shows the real-time distance measurement and the analog output measurement.

Buttons

Use the sensor buttons Down, Up, Enter, and Escape to program the sensor and to access sensor information.



Down and Up Buttons

Press Down and Up to:

- Access the Quick Menu from Run mode
- Navigate the menu systems
- Change programming settings

When navigating the menu systems, the menu items loop.

Press Down and Up to change setting values. Press and hold the buttons to cycle through numeric values. After changing a setting value, it slowly flashes until the change is saved using the Enter button.



Enter Button

Press Enter to:

- Access the Sensor Menu from Run mode
- Access the submenus
- Save changes

In the Sensor Menu, a check mark ✓ in the lower right corner of the display indicates that pressing Enter accesses a submenu.

Press Enter to save changes. New values flash rapidly and the sensor returns to the parent menu.



Escape Button

Press Escape to:

- Leave the current menu and return to the parent menu
- Return to Run mode from the Quick Menu



Important: Pressing Escape discards any unsaved programming changes.

In the Sensor Menu, a return arrow ↩ in the upper left corner of the display indicates that pressing Escape returns to the parent menu.

Press and hold Escape for 2 seconds to return to Run mode from any menu or remote teach.

Sensor Programming

Program the sensor using the buttons on the sensor or the remote input (limited programming options).

From Run mode, use the buttons to access the Quick Menu and the Sensor Menu. See [Quick Menu](#) on page 5, [Sensor Menu \(MENU\)](#) on page 6, and the instruction manual (p/n 175094) for more information on the options available from each menu. For TEACH options, follow the TEACH instructions in the instruction manual.

In addition to programming the sensor, use the remote input to disable the buttons for security, preventing unauthorized or accidental programming changes. See the instruction manual for more information.

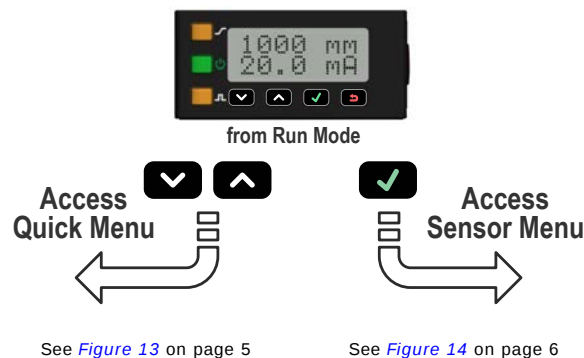


Figure 12. Accessing the LE Menus