

SETTING THE PRESSURE ON A FESTO AIR PRESSURE SENSOR

The Festo Air pressure sensor (SDE5-D10-FP-T14E-P-M8)

Is located below the air solenoid valve block on the right side of the machine behind a plastic cover.

The connected cable goes to P0 on the sensor distribution block located behind the center cover on the rear of the RTL-series machine.

Make sure the air is on and the light is lit on the emergency air shutoff valve located on the incoming air gage assembly.



1. Turn the air regulator until the gage reads 4 bar.
2. Press the Edit button for approx. 2 seconds until the LED flashes.
3. Let go of the Edit button.
4. The current teach pressure (TP1) is saved as the switching pressure (SP).
5. Ensure that there is power supply for at least 10 seconds.
6. Turn the air pressure up to 5 bar, the lights on the sensor should light up.
7. Turn the air pressure down below 4 bar, the lights should go out.
8. If steps 7-8 work as described the pressure sensor is set.
9. Turn the air up to 7-8 bar for operating pressure.
10. Press the Emergency Stop button, the light on the sensor should go out.
11. Release the Emergency stop Button, Press RESET on the controller. The light should turn on.

There are other settings available on this sensor, if the edit button is pressed incorrectly the lights will flash more frequently.

There are 3 settings.

- 1 Flash 1 time every 5 seconds, is single pressure mode. This is the mode used.
- 2 Flash 2 times every 5 seconds. This is dual pressure mode. Not used.
- 3 Flash 3 times every 5 seconds. Not used.

Air gage assembly showing connections and specific components.

The cable connection is the Emergency Air Shutoff Valve.

This valve cuts off air supply in case of an emergency.

