

CLC-100

Current Loop Calibrator

The Peaktronics CLC-100 Current Loop Calibrator is a 4-20mA signal generator that is used to calibrate the Peaktronics AMC-100/101, LRC-101 series, and SVC-100 series. The CLC-100 plugs into a standard 117VAC wall outlet and should only be used to calibrate 117VAC positioning controllers that are configured for a 4-20mA command signal.

CALIBRATION PROCEDURE

1. After the actuator limit switches and feedback potentiometer have been properly set, connect the 8 position plug to the positioner's 8 position connector (observing polarity). See Figure 1.
2. Plug the CLC-100 into a 117VAC outlet, and turn power on.
3. If the actuator hunts or does not move, refer to the manual for the positioner being calibrated.
4. Turn the 4-20mA CONTROL DIAL to "0"; this is the 4mA setting.
5. Adjust the zero adjustment on the positioner to obtain the desired actuator position.
6. Turn 4-20mA CONTROL DIAL to "100"; this is the 20mA setting.
7. Adjust the span adjustment on the positioner to obtain the desired actuator position.
8. Repeat steps 4 through 7 if necessary, then unplug the CLC-100.

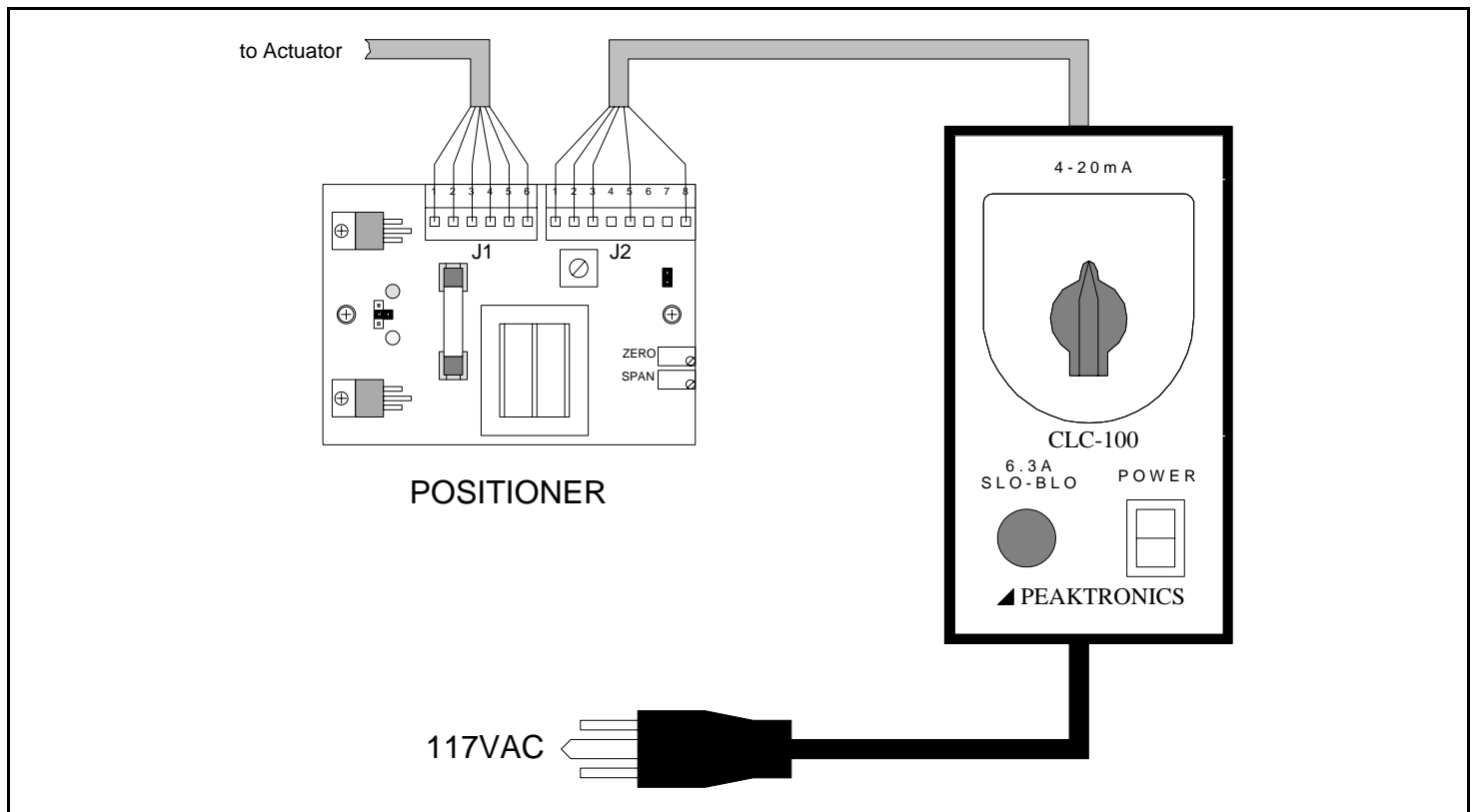


Figure 1