



#### Notes

- 1900A units with the battery supply option require the battery to be present for operation. This diagram presents a shunt regulator to substitute for the battery, to allow for operation without the battery.

A shunt regulator is used as the power transformer used with the battery option does not provide sufficient overhead voltage for a standard series-pass regulator.

This scheme also works for model 1912A counter.

This is not a manufacturer modification.

- Capacitance in microfarads unless otherwise indicated.
- Drawn 2012 Oct by bhilpert.

## Fluke 1900A Multi-Counter

Section: Power Supply - Battery Substitute

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