

Meter Duplicator/Buffer Amplifier

Provides Meter Duplication, with one sensor.

Specifications:

- 12VDC operation.
- Work with 10 ohm sensors/meter combination (input #1 only).
- Allows up to two identical meters to be “cloned”.
- Reverse Polarity Protected.

Warnings:

- Input/output #1 is not short circuit protected, max recommended current is about 200ma (this allows the 10-ohm sensors to work correctly)
- Input/output #2 is short circuit protected, allows up to 75ma, and works with most USA and EURO Standard meters.

Instructions:

1. Disconnect power.
2. Connect V+ to your 12V supply (this might be called ignition)
3. Connect GND to Chassis ground.
4. If the Sensor goes down to 10 ohms, use IN1. Otherwise either inputs can be used to split the signal from the sensor and primary gage to duplicate to the secondary gage.
5. Connect IN1 (or IN2) to Primary Meter, tapping the connection between the sensor and the meter.
6. Connect OUT2 to Secondary Meter.

