

### Current measuring device for neon tubes

#### Current measuring device

Type: neon-mA  
Article no.: 9 2000 010

This instrument is a current measuring device (mA-meter) that has been specially developed to fulfill the needs of the neon advertising industry.

The device offers the following features:

- True r.m.s. measuring
- Large frequency range (enables measurements on electronic converters as well as on core & coil transformers)
- No battery required
- Simple handling (no controls)



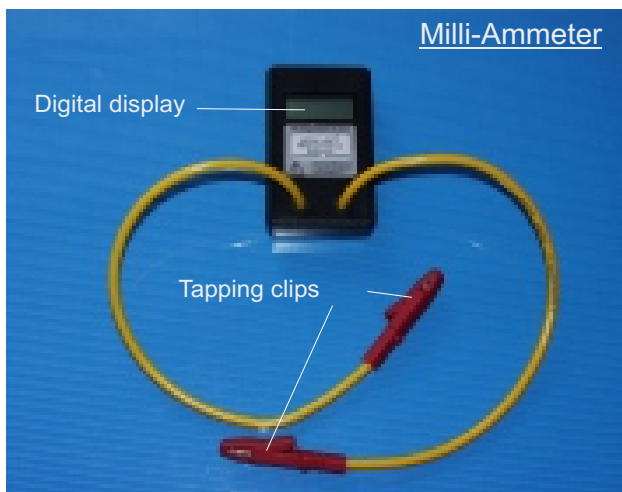
#### Instructions for use

Note: The measuring device does not have an on/off switch. It switches on automatically as soon as a current of more than 3 mA flows through the device.

Switch off the transformer prior to connecting the measuring device. Make sure that the tube circuit is dead and open the circuit to connect the measuring device. Make sure that the tapping clips and the device are located on an insulated surface and are not in contact with metal parts. Now switch on the transformer. The LCD display is switched on as soon as a current higher than 3 mA flows through the device. The exact value (current in Milliampere) can now be read off the display.

**Caution: Do not touch any live parts (e.g. the connecting terminals) while the transformer is switched on as this can result in lethal electrical shocks!**

Switch off the transformer after the measurement is complete. Disconnect the measuring device and close the circuit again. Make sure that all connections are correct and switch on the neon again.



#### Practical measuring example:

Measuring the tube current in a series connection of multiple neon tubes

