

Measures up to 30 A

Canway (Germany) manufactures the CW-401 meter, which provides a CAN interface.

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The current clamp meter comes now in a single aluminum housing (Photo: Canway)

The product consists of a base unit and a separate sensor head. The aluminum housing enables measurements even in rugged environments and hard-to-reach places, for instance, in car engine compartments. Even at high temperatures (up to +120 °C) the clamp meter works error-free. It is suitable for measurement ranges ± 10 A, ± 30 A, or ± 50 A.

In addition to its possibility of current measurement, the meter provides integrated temperature measurements at two points. In the base unit and also in the measuring head precise sensors are located. Furthermore, measured temperature data can be provided via the CAN interface. The integrated electronic of the base unit and sensor head ensures a nearly complete exclusion of potential disturbances. Compensating the temperature and the terrestrial magnetic field as well as the automatically tuning of the toroid remanence ensures this. A factory calibration is executed before every delivery. On request, a DAkkS-calibration (German accredited bodies) can also be carried out.

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