

# MH60

## Isolated current probe for oscilloscopes



### View AC and DC currents in the field or in the lab!

- › Up to 100 A
- › 26 mm clamping diameter
- › 1 MHz bandwidth
- › Rechargeable battery
- › Power supply and recharging via standard 5 V  $\mu$ USB



600 V  
CAT II

300 V  
CAT III

*Measure up*



# MH60 Isolated AC and DC current probe for oscilloscopes

## Without opening the circuit, simply clamp and measure!

The quick, practical MH60 probe can be used for wide-band AC and DC current measurements thanks to its dual Hall effect / transformer technology. The MH60 probe can be powered either via its  $\mu$ USB port connected to an oscilloscope, via a mains adapter or via its internal rechargeable battery combined with an automatic standby function which can be deactivated.

To make it simpler to use, the MH60 probe is equipped with:

- > an automatic "ZeroDC" system allowing you to compensate magnetic and electronic drift.
- > a built-in magnetometer to overcome the influence of the clamp's position in the presence of the earth field and other constant fields
- > a switchable low-pass filter



## View and check

When installing or maintaining electrical or electrotechnical equipment, the MH60 can be used to view the currents in order to check, for example:

- > the command signals in power electronics (PWM)
- > the quality and efficiency of a DC / AC converter
- > activation / deactivation of the equipment in a vehicle



### MH60 TECHNICAL SPECIFICATIONS

|                             |   |              |   |
|-----------------------------|---|--------------|---|
| Measurement range*          | 10 mA to 100 A RMS or DC (140 A peak)                       | Power supply | Internal NiMh rechargeable battery (approx. 8-hour battery life) or 5 VDC external via female $\mu$ USB type B connection |
| Output signal               | 10 mV/A   | Safety       | IEC 61010-1, IEC 61010-2-032, 300 V CAT III / 600 V CAT II  |
| Bandwidth                   | 1 MHz   | Dimensions   | 138 x 49 x 28 mm  |
| Switchable low-pass filters | none / 30 kHz / 3 kHz                                       | Weight       | Approx. 200 g (with cable and rechargeable battery)   |
| Rise time from 10 to 90%    | 350 ns  |              |   |
| Clamping diameter           | 1 cable with $\varnothing$ 26 mm                            |              |   |
| Connections                 | Built-in cable 2 m long with moulded isolated male BNC plug |              |   |

\*From 60 kHz, limitation of the current measurement range according to the frequency

### TO ORDER

MH60 isolated AC and DC current probe for oscilloscopes delivered with a 100 V-240 V 50/60 Hz mains adapter, 1 USB /  $\mu$ USB power cable, 5-language user manual  
 ..... **P01120612**

### Replacement parts

NiMh rechargeable battery ..... **P01296049**