

The **Scopix®** portable oscilloscopes use patented **ProbiX** accessories which benefit from **active safety**



- **Quick, error-free measurement**
- **Safety message at connection**
- **Scaling and units managed automatically by the **ProbiX** system**
- **Active sensors powered by the Scopix**

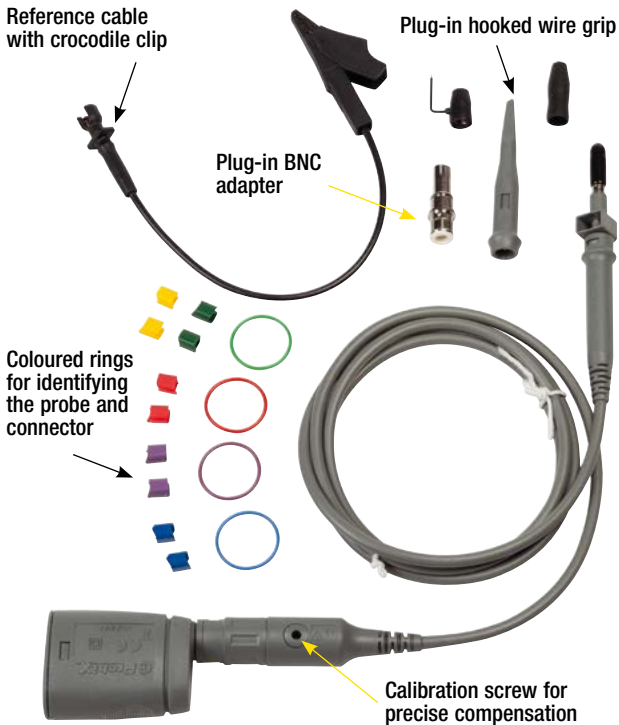
A Brand of

# PROBIX VOLTAGE MEASUREMENT

## HIGH FREQUENCY

### HX0130

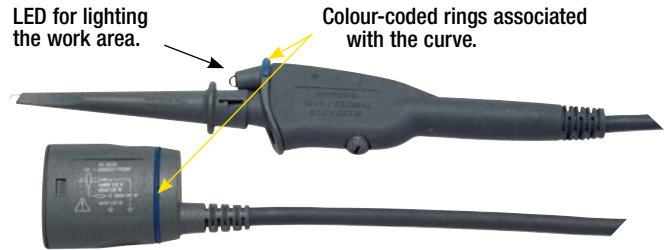
**1/10 - 500 MHz - 300 V Cat II**  
electronic voltage probe



### HX0030B

**1/10 - 250 MHz voltage probe**  
**1,000 V Cat II • 600 V Cat. III**

The HX0030B probe allows you to read the measurements directly by means of automatic scaling and choice of the measurement unit (no adjustments on the **SCOPIX** analyser-oscilloscope). It is equipped with 2 configurable buttons for remote control of a **SCOPIX**.



Model	HX0130	HX0030B
Attenuation	1/10	1/10
Bandwidth	DC at 500 MHz	DC at 250 MHz
Input capacitance	11 pF	15 pF
Accuracy	±1 % (V DC)	±1 % (V DC)
Rise time	0.9 ns	< 1.2 ns
Input resistance	10 MΩ	10 MΩ
Electrical safety	300 V Cat. II	600 V Cat. III - 1,000 V Cat II

### HX0071

**Industrial accessories kit**

This accessories kit is for use with the HX0030B.



### HX0031

**Probix / BNC 250 MHz adapter**  
**600 V Cat. III**



### HX0032

**Probix / BNC 50 Ω adapter**  
**30 V Cat. I**

250 MHz bandwidth  
Max. power 2 W



## LOW FREQUENCY

### HX0033

**Probix / banana adapter**  
**1/1 - 600 V Cat. III**



### HX0093

**Probix 300 Hz-filter / banana adapter**  
**600 V Cat. III**

The HX0093 is a third-order low-pass filter with a 300 Hz cut-off frequency. It can be used to isolate the 50 Hz or 60 Hz fundamental for measurements on electric motors controlled by PWM.



### HX0095

**Probix / banana adapter**  
**1/2 - 1,000 V Cat II • 600 V Cat. III**

This banana adapter with its built-in divider allows you to measure voltages up to 1,000 V, a very useful feature for measurements greater than 600 V between phases performed mainly in multimeter mode.



# PROBIX CURRENT MEASUREMENT

## HX0034

### 0.02 A - 60 A<sub>RMS</sub> / 1 MHz current clamp

The HX0034 clamp-on ammeter uses a Hall-effect cell to measure DC or AC currents up to **80 A peak**, without intervention on the electrical installation. Its internal electronics are powered by the oscilloscope via the connection cable. The measurement output is fully isolated to ensure safety. It is equipped with 2 configurable buttons for remote control of a **SCOPIX**. The DC offset is applied automatically by pressing a button.



## HX0072

### AmpFLEX™ current probe 5 A - 3,000 A<sub>RMS</sub>/200 kHz

The HX0072 is a **Probix** AmpFLEX™ sensor designed to measure AC currents up to 3,000 A<sub>RMS</sub> in the context of power transmission and machinery.



## HX0073

### MiniAmpFLEX™ current probe 1 A - 300 A<sub>RMS</sub>/3 MHz

The HX0073 is a **Probix** MiniAmpFLEX™ sensor for measuring AC currents up to 300 A<sub>RMS</sub> on switchboards or power electronics.

Model	HX0034	HX0072	HX0073
Measurement range	0.02 A to 60 A <sub>RMS</sub> or 80 A DC	5 A to 3,000 A <sub>RMS</sub>	1 A to 300 A <sub>RMS</sub>
Bandwidth	500 kHz at -1 dB • 1 MHz at -3 dB	10 Hz to 200 kHz	10 Hz to 3 MHz
Accuracy	1.5 % ± 2 mA (< 45 A peak)	1 % ± 0.5 A	1 % ± 70 mA
Clamping diameter	20 mm	240 mm	35 mm
Cable length	1.2 m	2 m	2 m
Rise time	350 ns	1.5 μs	< 110 ns
Phase shift	± 1°	1.3° max (1° typ.)	1.3° max (1° typical.)
IEC 61010-2-32 electrical safety	600 V Cat. II • 300 V Cat. III	1,000 V Cat. III • 600 V Cat. IV	1,000 V Cat. III • 600 V Cat. IV

## HX0094

### Probix adapter 4-20 mA

The HX0094 banana connector adapter allows you to measure 4-20 mA loop currents by means of a built-in shunt. It is ideal for automation and process applications.



## HX0096

### Probix adapter BNC / 100 mV/A

The HX0096 enables you to measure currents, with direct display of the results if 100 mV/A clamps are used (low-current or high-bandwidth probes).



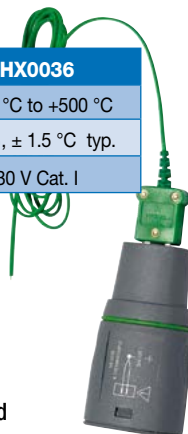
# PROBIX TEMPERATURE MEASUREMENT

Model	HX0035B	HX0036
Measurement range	-40 °C to +1,250 °C	-100 °C to +500 °C
Accuracy	±1 %, ± 3.5 °C typ.	±1 %, ± 1.5 °C typ.
IEC 61010 electrical safety	30 V Cat. I	30 V Cat. I

## HX0035B

### Probix / K thermocouple adapter

The HX0035B is an adapter for linearizing the temperature measurements from a K thermocouple (option). The ratio, cold-junction compensation and unit are managed automatically by **SCOPIX**.



## HX0036

### Probix / Pt100 probe adapter

The HX0036 is a **Probix** adapter for linearizing the temperature measurements from a Pt100 platinum probe. The voltage ratio and unit are managed automatically by **SCOPIX**.



# ACCESSORIES

## HX0061

### In-vehicle charger

The HX0061 enables the **SCOPIX** to be powered by a vehicle battery. This accessory is connected to the standard **SCOPIX** power supply. It is ideal for users on the move, allowing them to recharge the instrument's battery in their vehicle between two series of measurements.



Max. input voltage	10 V <sub>DC</sub> to 60 V <sub>DC</sub>
Output voltage	115 V <sub>DC</sub> to 160 V <sub>DC</sub>
Power supplied	32 W max.
Protective fuses	2 fuses: 5 x 20 – 0.63 A – 250 VT
Reference standard	European directive 2004/104/CE-2004

## HX0057

### Fully-equipped case for Scopix

- 1/10 Probix HX0030B probe
- BNC Probix HX0031 adapter
- HX0039 straight Ethernet lead
- SX-METRO/P processing software

## References for ordering

- HX0130** ..... Electronic voltage probe, 1/10 - 500 MHz  
**HX0030B** ... 1/10 - 250 MHz current probe  
**HX0031** ..... Probix / BNC adapter  
**HX0032** ..... Probix / BNC 50 Ω Ω adapter  
**HX0033** ..... Probix / banana adapter  
**HX0034** ..... 0.02 A - 60 A / 1 MHz current clamp  
**HX0035B** ... Probix / K thermocouple adapter  
**HX0036** ..... Probix adapter / Pt100 probe  
**HX0057** ..... Fully-equipped Scopix case

## HX0063

### Spare Scopix battery kit

This accessory can be used to recharge a **SCOPIX** battery after removing it from the instrument. This kit comprises a battery/ external charger transition connector and a spare NiMh battery.

The HX0063 can be connected to the external battery charger (external power supply) delivered as standard with the **SCOPIX**.



- HX0061** ..... 10-60 V<sub>DC</sub> in-vehicle charger  
**HX0063** ..... Scopix spare battery kit (NiMh 9.6 V battery pack and a battery/charger transition connector)  
**HX0071** ..... Industrial accessories kit for HX0030B  
**HX0072** ..... Amp**FLEX**<sup>TM</sup> current probe 5 A-3,000 A / 200 kHz  
**HX0073** ..... MiniAmp**FLEX**<sup>TM</sup> current probe 1 A-300 A / 3 MHz  
**HX0093** ..... Probix 300 Hz-filter / banana adapter  
**HX0094** ..... Probix 4-20 mA adapter  
**HX0095** ..... Probix 1,000 V / banana adapter  
**HX0096** ..... Probix BNC/100 mV / A adapter