



HP30D1

Rel. 1.00 of 25/08/11

Wide transducers clamp 1000A/1V DC

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SPECIFICATIONS

Range:	1000A DC
Measuring range:	10A ÷ 1000A DC
Output signal:	1V DC
Protection:	By diodes
Ratio:	1mV/A
Accuracy:	$\pm(10\% \text{ rdg} + 2\text{mV})$ [10A ÷ 100A] $\pm(2\% \text{ rdg} + 2\text{mV})$ [100A ÷ 700A] $\pm(1.5\% \text{ rdg} + 2\text{mV})$ [700A ÷ 1000A]
Influence position cable:	0.5% at 50Hz
External min load:	10k Ω // <100pF
Power measurement:	Take care to the conventional direction $\Rightarrow$ of the arrow
Frequency range:	DC ÷ 1kHz
Pollution degree:	2 according to IEC/EN61010-1
Insulation:	double insulation
Temperature coefficient:	0.1% rdg /°C
Temperature range:	-5°C ÷ +50 °C
Overvoltage category:	CAT III 600V
Power supply:	1x9V alkaline battery type IEC 6F22
"Opening" cable:	Diameter 83mm
Zeroing:	manual with adjustable trimmer
Test charging battery:	LED indication
Dimensions (mm):	336(L)x 137(W)x 42(H)
Weight:	1.8kg
Output connection:	Shielded cable FM2R 2m long , ended with Hypertac connector

