




1. ELECTRICAL SPECIFICATIONS

Current Range	300 A / 3000 A AC _{RMS}
Output ratio:	0.33 / 3.3mV per A
Load Impedance:	100k Ω minimum
Accuracy:	$\pm 1\%$ rdg (45 – 65 Hz)
Linearity (10% to 100% of range)	$\pm 0.2\%$ rdg
Frequency Range	10 Hz to 5kHz (- 3 dB)
Phase Error	$\leq \pm 1^\circ$ (45 – 65Hz)
Position Sensitivity (with cable > 25mm from the coupling)	$\pm 2\%$ rdg
Noise:	2mV AC _{RMS}
Power supply:	2 x AA MN 1500 LR6 alkaline
Life batteries:	about 1000 hours
Overvoltage category:	CAT III 600 V AC
Insulation:	double insulation
Pollution degree:	2 according to IEC/EN61010-1

2. GENERAL SPECIFICATIONS

Head Cable length (double insulated):	610mm
Maximum conductor diameter:	174mm
Cable Length (head to electronics):	2 meters long, double insulated
Output connection:	2m cables with Hypertac connectors 
Operating Temperature Range:	- 20 ÷ 85 °C
Storage Temperature Range:	- 20 ÷ 85 °C
Thermal drift:	$\pm 0.08\%$ rdg per °K
Operating Humidity:	15% ÷ 85%HR (non condensing)
Weight:	180g (head), 190g (electronics)

3. REFERENCE STANDARDS

Safety:	EN 61010-1: 1993 + A2:1995
EMC:	EN 61326 :1997 + A1 :1998

This instrument complies with the requirements of the European Low Voltage Directives 2006/95/CEE (LVD) and EMC 2004/108/CE