

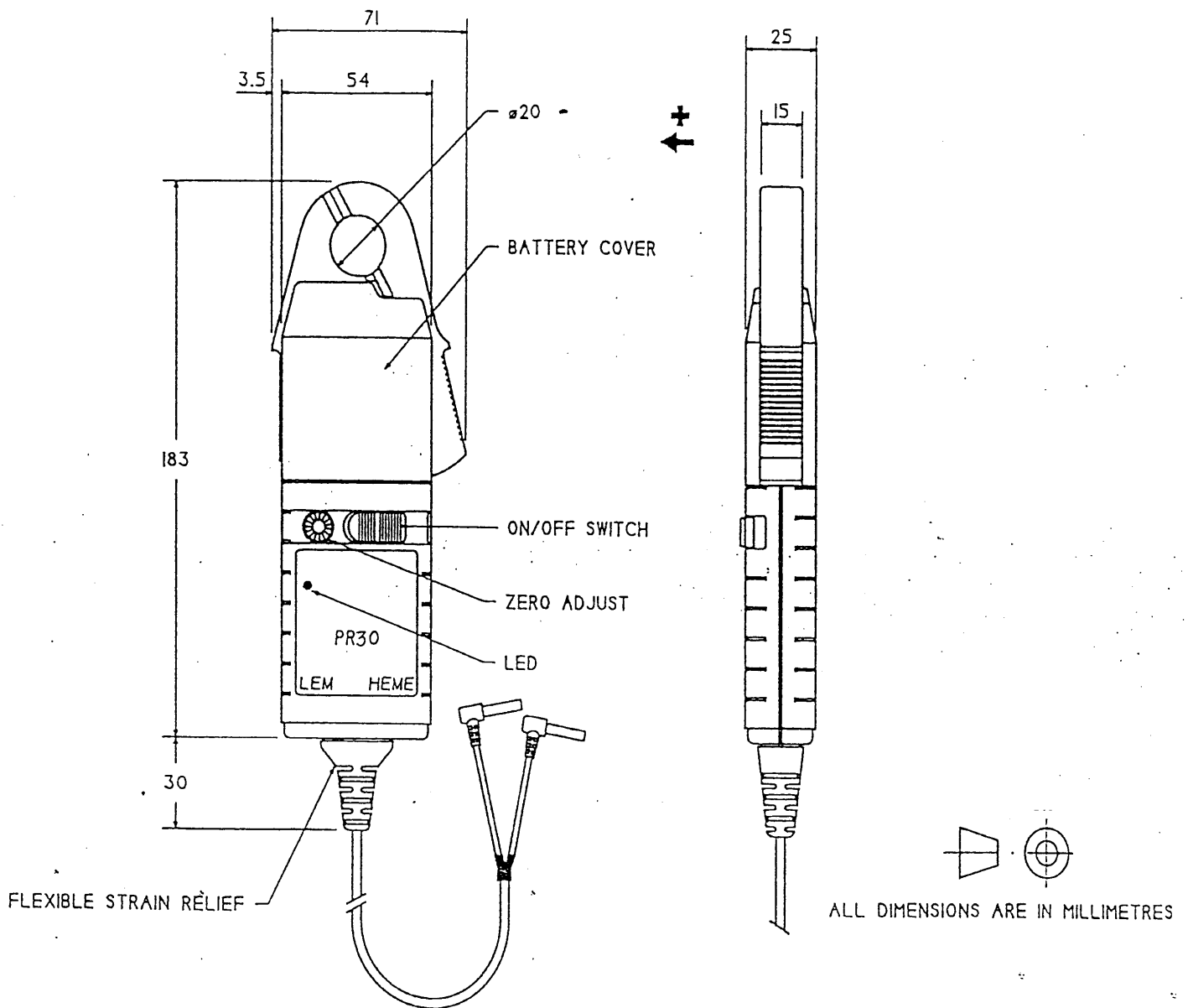
The PR30 current probe is based on Hall Effect technology, for use in measurement of both DC and AC current. PR30 may be used in conjunction with oscilloscopes, multimeters and suitable recording instruments.

Electrical Data

Nominal Current	:	20 Amps DC and AC rms.
Measuring Range	:	0 to ± 30 Amps.
Overall Accuracy (at +25°C)	:	$\pm 1\%$ of reading ± 2 mA.
Resolution	:	± 1 mA.
Temperature coefficient	:	$\pm 0.05\%$ of reading per ° C.
Output sensitivity	:	100mV/Amp.
Frequency Range	:	DC to 100kHz.
Response Time	:	better than 1 μ s.
di/dt accurately followed	:	better than 20A/ μ s.

General Data

Operating temperature	:	0°C to + 50°C.
Storage temperature range	:	-20°C to +85°C.
Power Supply	:	9V Alkaline battery, type PP3.
Battery Life	:	30 hours typical.
Low battery indication	:	Flashing LED.
Load impedance	:	> 1k Ohm.
Output connections	:	via 2 core insulated cable, 2m long, terminated with a BNC connector.
Polarity	:	a positive output is obtained when the primary current flows in the direction of the arrow on the current probe.
Conductor dimensions	:	19mm diameter.
Jaw opening	:	22mm maximum.
Case material	:	Valox 357 X.
Weight	:	250g.
Dimensions	:	see drawing overleaf.



LEM HEME Limited
 reserve the right to amend specifications
 without prior notification

16.11.93/DP