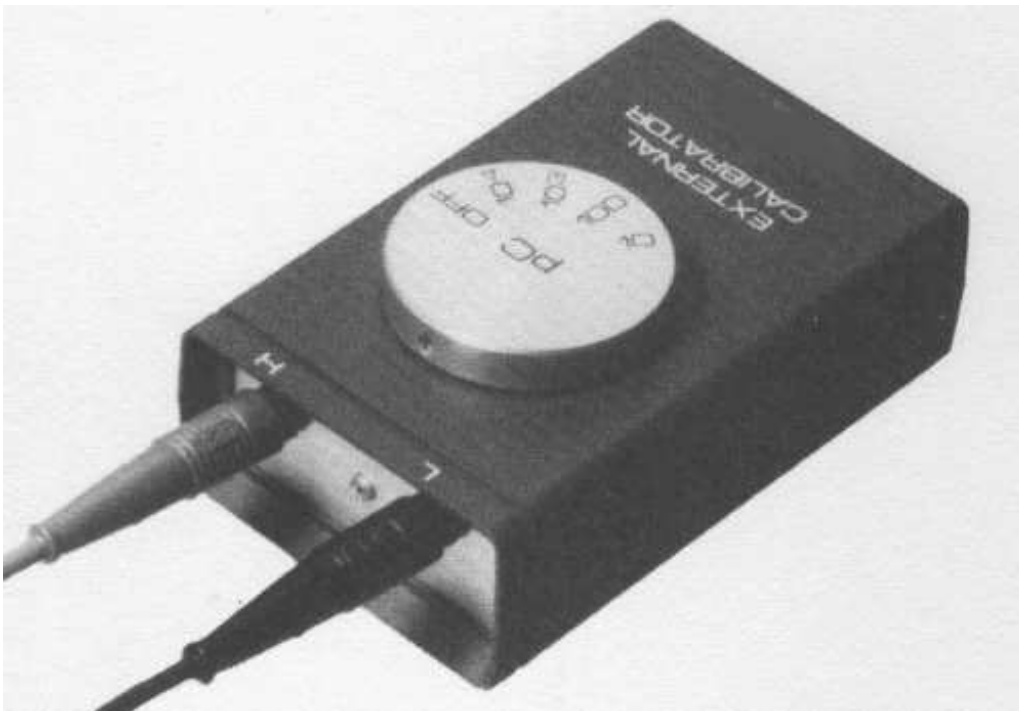


EXTERNAL PD CALIBRATOR TYPE HVS 998/0011



The calibration of a PD test circuit is a necessary step in the test procedure. The system is fed with a calibration pulse of a known value of apparent charge.

- ◆ Battery powered
- ◆ Synchronization with mains frequency
- ◆ Adjustable apparent charge

Design Features

The calibrator Type HVS 998/0011 feeds a short duration current pulse of a known magnitude through the terminals of either the de-energized test objet [direct calibration] or the coupling device (indirect calibration). The PD detector will be adjusted to the value of the apparent charge given by the calibrator . Synchronization with the line Frequency is supported through optical coupling.

The calibrator complies with IEC 270.

Order specification

HVS 998/0011 external PD calibrator

Technical Specifications Calibrator Type HVS 998/0011

Calibrator	Minimum	Maximum	Unit
Pd calibration pulse	10	10000	pC
Range adjustment	10	100	%
Repetition	90	900	Hz
Phase angle		0	Deg
Pulse rise time		<100	nS
Pulse duration		>20	μS
Pulse trailing slope time		500	μS

Enviromental	Minimum	Maximum	Unit
Battery voltage		9	V
Temperature range	5	40	°C
Relative humidity		< 80	%

Mechanical	Minimum	Maximum	Unit
Dimensions		67x110x42	mm
Instrument weight		0.2	kg

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