

high performance PD sensors

PDCAL UHF Partial Discharge Calibrator

PDCAL UHF provides a reliable / portable source reference for PD measurement.

PDCAL UHF is designed for field application thanks to its internal battery supply.

Characteristics

PDCAL UHF calibrator consists of a microprocessor controlled pulse generator allowing the user to select several output pulse-width through simple up-down pushbuttons operation.

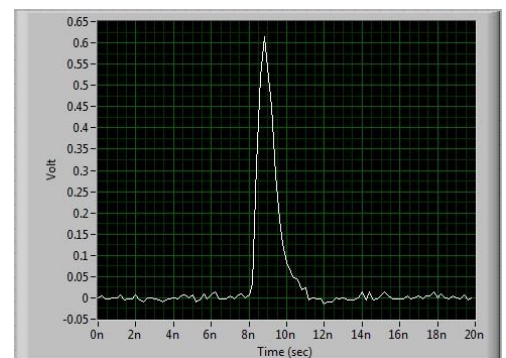
Thanks to on board photo coupler PDCAL UHF output pulse can be synchronized with the actual line frequency through external surrounding electrical light source.

PDCAL UHF has excellent pulse-width stability; scale calibration factors are permanently stored inside its flash memory .



Specifications

Rise time	< 200 ps -
Pulse Width	1 ns
Programmable Pulse Range:	0.2, 0.5, 1.0, 2.0, 5.0, 10, 20, 30, 40 , 50 V
Pulse Accuracy	~ 1%
Adjustable pulse repetition rate	0.5 - 1 - 2 pulse per cycle
Internal supply	single 9 V battery
Room light synchronization feature	
Pulse Output connector:	Standard N type
Injection capacitance	< 10 pF



Typical Pulse Shape

Suitable For



Several different sensors are available, fully compatible with Techimp Global Diagnostic platform. They can be freely combined at customer needs provided they can be applied for the specific application.

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