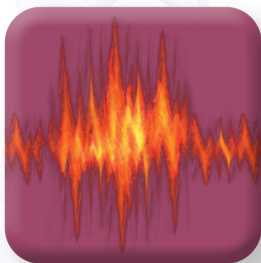


# ndb

Advanced and  
Innovative Solutions



PD-LT™ Measurement module



PD-LT™ Display module

## PD-LT™

### Overhead Partial Discharge Detector

The PD-LT™ allows for online partial discharge detection on cable accessories such as cable heads, lightning arrestors, insulators, bushings, etc. Instantaneous partial discharge readings are transmitted to a rugged wireless display module for easy analysis.

#### ADVANTAGES

- ⚡ Easy and safe to use with a hotstick
- ⚡ Compact, lightweight and battery powered for maximum flexibility
- ⚡ High sensitivity capacitive sensor with wireless measurement readings
- ⚡ Intuitive application for data analysis

#### DISPLAY MODULE

The display module retrieves test data from the measurement module, thanks to its low interference Bluetooth communication link. The application allows for graphical & column representation, reading comparison, automatic differential results, setting customization and more.

Its rugged and watertight design is perfect for harsh environments (IP-67) and field tasks.



## MEASUREMENT MODULE TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	9V alkaline battery (PP3 Type)
<b>Autonomy</b>	10 hours with continuous measurement
<b>Auto shut-OFF</b>	15 min
<b>Dynamic range</b>	0-75 dB
<b>Handling</b>	Compatible with hotstick universal end fitting
<b>Weight</b>	0.2kg (0.4 lbs)
<b>Operating temperature</b>	-20°C to 55°C (-8°F to 131°F)

## DISPLAY MODULE TECHNICAL SPECIFICATIONS

<b>IP Rating</b>	IP67
<b>Waterproof</b>	Up to 2m for 60 minutes
<b>Dustproof</b>	Dust resistant
<b>Drop test</b>	Up to 1.8m (6 ft)
<b>Military standard</b>	MIL-SPEC 810G, Shock and Drop
<b>Weight</b>	218g
<b>Operating temperatures</b>	-25°C (-13°F) to 55°C (131°F)

## INSULATION FAULT DETECTION

Insulation faults are an important factor in degradation and reduction of the lifetime of a medium voltage component. This translates into raised exploitation costs and questionable reliability, while economic performance and reliability are key criteria in the evaluation of an electricity supplier. It is important that an electric utility have a widespread, quick and efficient tool to check for quality and health of its electrical network.

The market's demands on electric utilities necessarily transfer to their subcontractors, who must comply with higher quality requirements for their work.

Like the electric utility for which he works, the subcontractor that has tools allowing him to monitor and to certify the quality of his job will become an attractive and reliable choice.



Cable head failure due to Partial Discharge

