

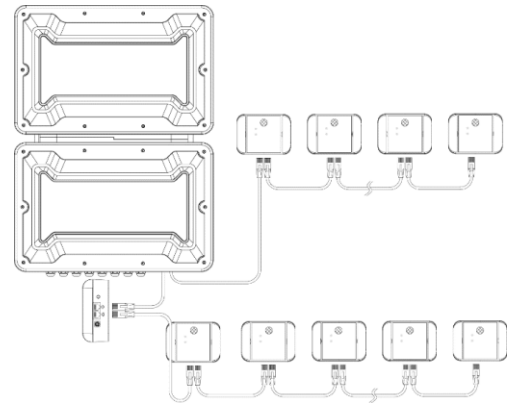


The HVPD Linearplex Acoustic Sensor can be used with portable and permanent on-line partial discharge (OLPD) monitoring systems to detect and measure acoustic energy emitted by corona and surface partial discharge (PD) in MV plant such as air-insulated switchgear (AIS).

The sensor can be mounted inside the switchgear panel, pointing directly towards the key MV components or placed outside if the acoustic detector can be positioned over a gap or vent in the panel.

## Features

- Detection frequency of 40 kHz  $\pm$  1 kHz.
- Suitable for on-line PD detection on cable terminations, and air-insulated equipment including metal-clad switchgear.
- 32x daisy chained inputs for use with HVPD Kronos® monitoring technology.
- Sensor suitable for retrofit to plant currently in service.



## Technical Specification

Centre Frequency	40.0 $\pm$ 1.0 kHz
Bandwidth	2.5 kHz
Receiving Sensitivity at 40 kHz	-61 dB min
Total Beam Angle (-6 dB)	55° typical
Operation Temperature	-30 to 80°C
Storage Temperature	-40 to 85°C
Input Connector	RJ45
Mounting	Fixing Bracket

## Unit Dimensions

Width	50 mm
Depth	120 mm
Height	90 mm
Weight	~ 0.3 kg

