

DR-100



Key Features

- Receives Partial Discharge data from sensor wirelessly
- Can be configured to multiple sensors
- Compact dimensions
- Suitable for DIN rail for a quick installation
- Aux power –220 V AC, 50/60 Hz
- Operating Temperature - 50 °C
- Digital data output via RS-485.

- PDIC offers an advanced Partial Discharge monitoring solution with versatile hardware. The system can be used with flexible architecture with variety of sensors like PD, humidity, temperature as per the need. Wireless data receivers facilitate faster implementation, lesser wiring, easy installation in case of retrofit into existing installations like busbars, switchgears, isolators and breakers etc in medium voltage and EHV class substation.
- Partial Discharge receivers come with advanced communication protocol like LORA and can be utilised with a choice of sensors like passive, battery powered to suite to a specific need and application requirement.

Technical Specification

- Each single data receiver can collect data from upto 50 numbers of PD sensors.
- Data output RS-485 Modbus RTU
- Can be used with all type of industrial automation system with PLC, SCADA, dedicated HMI etc.
- Suitable for PC communication with serial to USB converters.
- RS-485 Rx and Tx light indications for easy visibility and troubleshooting.
- Easy to configure.
- Suitable for DIN mount.
- Dimension in mm – 100 x 85 x 40.
- Supports IEEE802.11 b/g/n Wireless standards.
- ESD and Surge protection for RS-485 and Power.
- Aux input power supply from 220 V AC/DC.
- Warranty - 1 Year standard warranty against any manufacturing defects.