

Introducing high performance PD sensors

TECHIMP
www.techimp.com
sales@techimp.com



BENEFITS

- **High sensitivity**, Thanks to its special design has high sensitivity, larger than other single ended TEV sensors
- **Cheap, compact and robust**, his compact and robust design (passive sensor) makes the TEV the optimal sensor for direct installation on medium voltage Switchgears

TEV - TRANSIENT EARTH VOLTAGE

TEV sensor is a partial discharge sensor whose working principle is based on PD pulse voltage drop. The two ends of TEV sensor can be coupled magnetically to virtually any opening impedance variation on a metal surface. It picks up the electric signal given by PD activity onto the two metallic surfaces.



HVAC
CABLE

MVAC
CABLE

HVDC
CABLE

MOTOR

GENERA
TOR

PWM
VSD

GIS
GIL
GIB

SWITCH
BOARDS

OUTDO
OR
INSULA
TOR

HV
TRAFO

MV
TRAFO

TA/TV

TECHIMP

SENSORS

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.