

# » PD-Coupler CD-17/CD-24

## PARTIAL DISCHARGE SENSOR FOR ROTATING MACHINES AND OTHER APPLICATIONS

- » PD decoupling unit with coupling capacitor and integrated measuring impedance for decoupling of PD signals from standard measuring circuits according to IEC 60270
- » Coupling capacitance 2 nF for high sensitivity
- » Signal transmission bandwidth above 30 MHz at 50 Ω matching resistance
- » Especially developed for permanent installations
- » For continuous online monitoring or periodic PD measurements on generators and motors
- » Composite signal output (superimposed PD and voltage), only one cable needed for installation
- » Voltage signal for synchronization allows generation of phase-resolved PD patterns
- » High voltage fuse integrated, decoupling unit will become high-impedance in case of failure (CD-24 only)

### SPECIFICATION CD-17

PARAMETER	VALUE
Rated voltage	17,5 kV
Ratio of upper to lower voltage capacitance	2 nF / 1500 nF
Signal output	TNC female jack
Diameters, approx.	Isolator: 105 mm
	Base: 140 mm
Dimensions, approx.	Height: 155 mm
	Weight: 2,2 kg

» CD17



### SPECIFICATION CD-24

PARAMETER	VALUE
Rated voltage	245 kV
Ratio of upper to lower voltage capacitance	2 nF / 1500 nF
Signal output	TNC female jack
Diameters, approx.	Isolator: 120 mm
	Base: 180 mm
Dimensions, approx.	Height: 345 mm
	Weight: 7,5 kg

» CD24



### RELATED PRODUCTS:

» **PD Calibrator C-1**

Calibrator for PD Calibration acc. To IEC 60270



» **Connection Box CB-3**

3 Phase termination and connection box with over voltage protection

