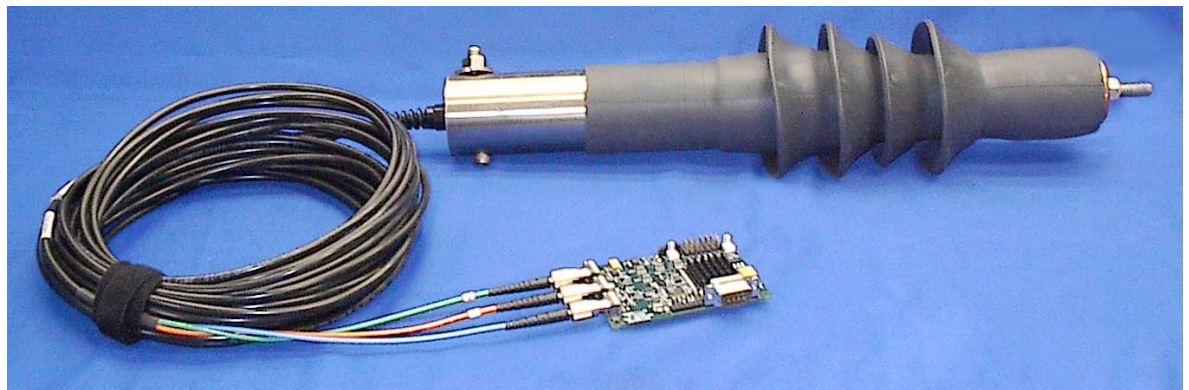


OptiSense Network, Inc.

Electro-Optic High Voltage Monitoring System

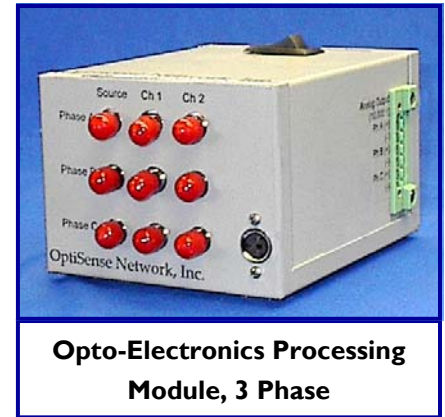
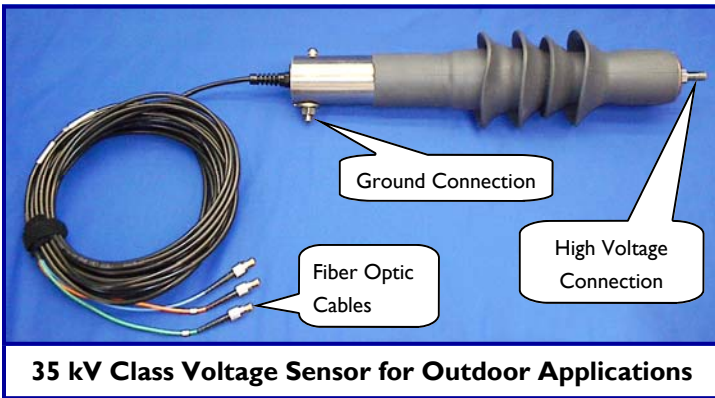
OptiSense designs and manufactures a line of distribution-class voltage sensor systems using optically isolated measurement technology.



35 kV Version

The OptiSense outdoor voltage sensor enables high voltage measurement in a compact package at a lower installed cost than with conventional technology. Optical sensing technology allows for galvanic isolation of the signal from the voltage being measured. Digital signal processing electronics can supply analog or digital output signals for control and decision-making. Sensors are now available in 15 kV, 25 kV and 35 kV classes. Communications and software can be provided for a turn-key monitoring system.



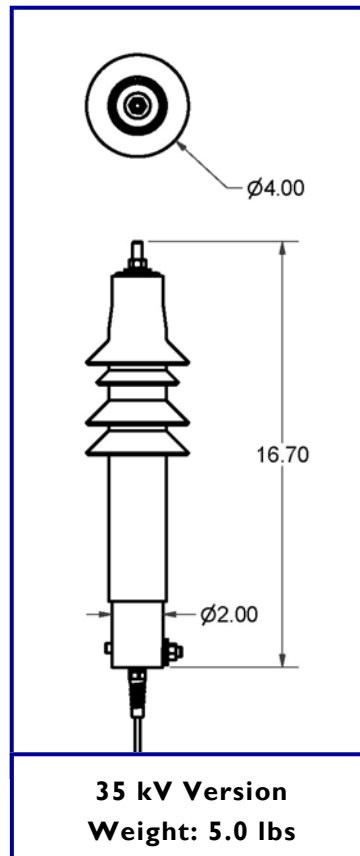


General Specifications

Electrical Performance		
Accuracy at 25°C	0.2% Full Scale at Calibrated Voltage	
Compensated error over 50 K temperature change	±1%	
Phase Angle	Less than ±1.0°	
Fiber Optic Cable length per customer specification		
Environmental		
Operating Temperature Range, Sensor	-40 to +80°C	
Opto-Electronics Processing Module:		
Working	-40 to +50°C	
Storage	-40 to +85°C	
Performance Options		
Voltage Class	Basic Insulation Level (BIL)	3pC Partial Discharge
25/35 kV	200 kV	>30 kV
35 kV	200 kV	>30 kV
25 kV	150 kV	>21 kV
15 kV	110 kV	>13 kV
Signal Processing Electronics		
Low Voltage Analog Output Options	4 Vrms	
	10,000:1 Vrms ratio	
Input Power Options	12 , 24 , or 48 VDC, 120 VAC	
Typical Power Consumption	12 W / 3 Phase System	
Digital Interface	RS-232 Communication	

FOR DIFFERENT SPECIFICATIONS, CONSULT FACTORY

Dimensions and Weights



DIMENSIONS ARE IN INCHES

