

# ElbowSense™ Underground Voltage Sensors

Lindsey underground voltage sensors consist of a high accuracy (0.5%) voltage sensor contained in familiar underground componentry. Instead of relying upon inaccurate capacitive test points, the precision resistive voltage divider provides an AC voltage output proportional to phase-to-ground voltage. All models provide excellent harmonic response, flat through the 20th harmonic.

## Ordering Table

Part Number Sequence 95AB/0FHL

Where:

| Code | Descriptions          | Options  |
|------|-----------------------|--|
| A    | Sensor Type           | 3=200A Loadbreak Elbow sensor<br>4=200A Deadbreak T-body sensor (15kV only)<br>5=600A Voltage plug sensor        |
| B    | Voltage Class         | 2= 15kV, 95kV BIL<br>3 = 25kV, 125kV BIL<br>4 = 34.5kV, 150kV BIL (available with 600A voltage plug option only) |
| F    | Voltage Divider Ratio | 0=none<br>1=1400:1<br>2=2200:1<br>3=3300:1<br>5= 60:1<br>6=120:1<br>7=166:1<br>X=Special                         |
| H    | Connector             | 1=2 contact socket (for padmount)<br>2=cast-in cable (for vault/submersible)                                     |
| L    | Cable Length          | Cable Length = "L"x10 feet   |

Example: 9542/0111 is a 15kV class, 200A deadbreak T-body sensor with a 1400:1 ratio output (0 – 5VAC nominal for a 12.0kV system) with connector and 10 foot cable suitable for padmount application

- **Lindsey ElbowSense 200A** voltage sensors are available at 15kV in IEEE 386-type elbow and T-body connectors, and at 25kV in elbow connectors for simple, fast, and flexible installation. Lindsey 200A class sensors are suitable for padmount and metal clad applications.
- **Lindsey ElbowSense 600A** voltage plug sensors fit standard 600A T-body connectors. These stainless steel sensors are suitable for pad mount, metal clad, and submersible applications. Sensors are available in 15, 25, and 35kV classes.
- **All sensors** are provided with a watertight 10 foot (3m) cable.



Lindsey 200A Elbow Sensor



Lindsey 600A Plug Sensor



Lindsey 200A T-Body Sensor

