

Bierer Meters High Voltage Detectors & Indicators

Analog Voltage Detectors

- 40, 300 & 450 kV models
- For Overhead and URD applications
- Easy to read analog scale
- Indicates Line to Ground values for nominal or induced voltage
- Rugged, water resistant construction
- Hold & Backlight features (VDAH models)
- No voltage selector or multiplier (VDA300 & VDA450)


VDAH300

Digital Voltage Detectors

- Large 3 digit LED display
- Backlit continuous for nighttime use
- LED segment and battery test
- Standard 9 Volt battery
- Water tight construction with sunshield
- Rated for indoor and outdoor use
- Shotgun & Hot Stick compatible (Universal Grip All accessory)


VD1000

Voltage Indicators

- Super bright LEDs & ultra loud horn
- Detects line to ground voltage
- Activation threshold meets ASTM requirement
- Standard 9 Volt battery
- Test position (except VBI-15)


VIAV300

The **VDA040C** tests capacitive test points and direct contact voltages to 40kV line to ground (0-69kV phase to phase). The **VDA040P** detects 0-40kV line to ground using proximity or direct contact. It also tests capacitive test points & secondary voltage on bare or insulated cables.

Both VDA040 models have a 5-position selector switch which is calibrated for height above ground to compensate for capacitive coupling effects. These detectors include overload protection to 500kV.

The **VDA0300** reads 2.4-300kV line to ground (4-500kV phase to phase). The **VDA0450** reads 2.4-450kV line to ground (4-765kV phase to phase). Both meters use a single range Linear/Log scale for better resolution from distribution to transmission systems. They are passive reading; the 9V battery is only required for the test position. Models with the "H" suffix come with Hold and Backlight features.

ORDERING INFORMATION

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| BR/VDA040C | Analog Voltage Detector 0-40kV, Capacitive/Direct Contact |
| BR/VDA040P | Analog Voltage Detector 0-40kV, Proximity/Direct Contact |
| BR/VDAL40P | Analog Voltage Detector 0-40kV, Proximity/Direct Contact with Backlight |
| BR/VDAL40PBPA | Analog Voltage Detector 0-40kV, Proximity/Direct Contact, Backlight & Horn |
| BR/VDA0300 | Analog Voltage Detector 0-300kV, Direct Contact |
| BR/VDAH300 | Analog Voltage Detector 0-300kV, Direct Contact, with Hold & Backlight |
| BR/VDA0450 | Analog Voltage Detector 0-450kV, Direct Contact |
| BR/VDAH450 | Analog Voltage Detector 0-450kV, Direct Contact, with Hold & Backlight |

Each unit includes straight probe, hook probe, universal/grip-all adapter, manual, carrying case.

The **VD1000** Digital Voltage Detector is designed to easily indicate AC voltage on underground primary, overhead primary and transmission conductors up to 999 kV. The large digital display can be seen and read at distances up to 50'. Unit indicates line-to-ground value and is perfect for system voltages from 4kV to 765kV phase to phase.

VD1000 ranges: 01.0-99.9 kV URD, 01.0-99.9 kV OH, 001-999 kV OHT.

VD1000P: VD1000 ranges plus non-contact voltage sensing on overhead lines.

VD1000T: VD1000 ranges plus voltage detection on capacitive test points 01.0-99.9 kV.

ORDERING INFORMATION

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|------------|--|
| BR/VD1000 | Digital Voltage Detector 0-1000kV, Direct Contact |
| BR/VD1000P | Digital Voltage Detector 0-1000kV, Direct & Non-Contact |
| BR/VD1000T | Digital Voltage Detector 0-1000kV, Direct Contact & Capacitive Test Points |

Each unit includes straight probe, hook probe, universal/grip-all adapter, manual, carrying case.

VBI-15 Voltage Break Indicator is activated when voltage level drops below 2.5kV line to ground. It is overload protected to 115kV.

AV40 indicates on direct contact to capacitive test points or 120-600V secondaries. It also does non-contact sensing on 7.2/14.4/20 kV URD and 2.4/7.2/ 14.4/20/40 kV OH. A 12-position rotary switch selects function & range.

VIAV300 is a proximity & direct contact voltage indicator with 240V & 2.5/7.5/15/30/40/70/140/300 kV ranges selected by a 12-position rotary switch.

ORDERING INFORMATION

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|------------|---|
| BR/VBI-15 | Voltage Break Indicator for 7.2-20kV line to ground, Direct Contact. Includes special hook probe, universal/grip-all adapter, manual, storage bag |
| BR/VBI-15C | Voltage Break Indicator for 7.2-20kV line to ground, Direct Contact. Includes c-clamp adapter & clamp, universal/grip-all adapter, manual, bag |
| BR/AV40 | Voltage Indicator 0-40kV, Proximity/Direct Contact. Includes universal/grip-all adapter, manual, storage bag |
| BR/VIAV300 | Voltage Indicator 0-300kV, Proximity/Direct Contact. Includes straight probe, hook probe, universal/grip-all adapter, manual, bag. |

OPTIONS

Add suffix to the Detector or Indicator Part Number:

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|---|-----------------------------|
| S | One 15-25kV Bushing Adapter |
| E | One 15-25kV Elbow Adapter |