

# PRX™

## PROXIMITY VOLTAGE DETECTORS

*Proximity  
Voltage Detection*



The PRX Proximity Voltage Detectors verify the presence of voltage without contacting the conductor. Three distinct models of testers have been developed for utility professionals:

- Transmission
- Distribution
- Assessor Hi/Low

Versatile, lightweight, rugged designs enable the lineman to easily manipulate the PRX Proximity Voltage Detector safely in the harshest of conditions.

**HDE** HD ELECTRIC COMPANY

# PRX

## Proximity Voltage Detectors

### DESIGNED WITH A PURPOSE...

Equipped with variable voltage ranges, the PRX Proximity Voltage Detector family allows users to select the voltage level for the utility system being worked on. With three models, utility professionals can get as specific as needed with voltage ranges from 50V up to 500kVAC.

#### PRX-500

Ideal solution for line crews that perform voltage testing on both distribution and transmission lines, preset with nine standard voltage ranges from 120VAC to 500kVAC. Capacitive test point mode included in the 120VAC setting.

#### PRX-69D

Designed specifically for distribution crews, with seven preset standard distribution ranges from 120VAC to 69kVAC. Capacitive test point mode included in the 120VAC setting.

#### PRX-4

Essentially a HI/LO Proximity Voltage Detector, an ideal testing device for a wide range of applications such as storm assessment, meter reading or first response.



- 1** Rechargeable Li-Ion battery –
  - 15 min for full day
  - 3 hour for full weekAC/DC charging options
- 2** Rugged, ultra-light, waterproof housing is ideal for harsh working environments
- 3** Versatility with dual hotstick connection options
  - Universal spline
  - Shotgun stick
- 4** Clear warning of voltage presence with bright flashing LED lights and loud audible alarm
- 5** PRX “Sensing Zone” allows for directional discrimination when working around complex overbuilds or under builds



## PRX-69D

MODEL NUMBER PRX-69D

<b>OPERATING VOLTAGE RANGES</b>	Seven standard voltage ranges from 120VAC - 69kVAC
<b>VOLTAGE SENSING DISTANCE</b>	6 inches at 120V 10 inches at all other ranges
<b>OPERATING FREQUENCY</b>	25Hz-400Hz
<b>OPERATING TEMPERATURE</b>	-20°F to +140°F (-29°C to +60°C)
<b>BATTERY LIFE</b>	One week of typical daily use after full charge
<b>DIMENSIONS</b>	11"L x 3"W x 2"D / (28 cm x 7.6 cm x 5 cm)
<b>WEIGHT</b>	11 oz. (.31 kg)



## PRX-500

MODEL NUMBER PRX-500

<b>OPERATING VOLTAGE RANGES</b>	Nine standard voltage ranges from 120VAC to 500kVAC
<b>VOLTAGE SENSING DISTANCE</b>	6 inches at 120V 10 inches at all other ranges
<b>OPERATING FREQUENCY</b>	25Hz-400Hz
<b>OPERATING TEMPERATURE</b>	-20°F to +140°F (-29°C to +60°C)
<b>BATTERY LIFE</b>	One week of typical daily use after full charge
<b>DIMENSIONS</b>	11"L x 3"W x 2"D / (28 cm x 7.6 cm x 5 cm)
<b>WEIGHT</b>	11 oz. (.31 kg)



## PRX-4

MODEL NUMBER PRX-4

<b>OPERATING VOLTAGE RANGES</b>	Two standard voltage ranges 50VAC - 4kVAC (LO), 4kVAC - 500kVAC (HI)
<b>VOLTAGE SENSING DISTANCE</b>	3 inches at 50V LO range 10 inches at 4kV HI range
<b>OPERATING FREQUENCY</b>	25Hz-400Hz
<b>OPERATING TEMPERATURE</b>	-20°F to +140°F (-29°C to +60°C)
<b>BATTERY LIFE</b>	One week of typical daily use after full charge
<b>DIMENSIONS</b>	11"L x 3"W x 2"D / (28 cm x 7.6 cm x 5 cm)
<b>WEIGHT</b>	11 oz. (0.31 kg)

# PRX Proximity Voltage Detectors

## ORDERING INFORMATION

Catalog Number	Application	Voltage Settings	Voltage Range	PRX-CORD, 12VDC Charge Cord	PRX-XF, 115-240VAC Charge Transformer	PRX-HS, Holster	B-2, Carry Bag	PRX-CS, Carry Case	PT-PRX Tester
PRX-500/K01	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X					
PRX-500/K02	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X				
PRX-500/K03	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X		X		
PRX-500/K10	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X	X		X	X
PRX-500H	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X	X			
PRX-500B	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X	X	X		
PRX-500	TRANS/DIST	9	120VAC - 500kVAC; Including Test Points	X	X	X		X	
PRX-69D/K01	DIST	7	120VAC - 69kVAC; Including Test Points	X					
PRX-69D/K02	DIST	7	120VAC - 69kVAC; Including Test Points	X	X				
PRX-69D/K03	DIST	7	120VAC - 69kVAC; Including Test Points	X	X		X		
PRX-69D/K10	DIST	7	120VAC - 69kVAC; Including Test Points	X	X	X		X	X
PRX-69DH	DIST	7	120VAC - 69kVAC; Including Test Points	X	X	X			
PRX-69DB	DIST	7	120VAC - 69kVAC; Including Test Points	X	X	X	X		
PRX-69D	DIST	7	120VAC - 69kVAC; Including Test Points	X	X	X		X	
PRX-4/K01	HI/LOW	2	50VAC - 500kVAC	X					
PRX-4/K02	HI/LOW	2	50VAC - 500kVAC	X	X				
PRX-4/K03	HI/LOW	2	50VAC - 500kVAC	X	X		X		
PRX-4/K10	HI/LOW	2	50VAC - 500kVAC	X	X	X		X	X
PRX-4H	HI/LOW	2	50VAC - 500kVAC	X	X	X			
PRX-4B	HI/LOW	2	50VAC - 500kVAC	X	X	X	X		
PRX-4	HI/LOW	2	50VAC - 500kVAC	X	X	X		X	

\*Contact HDE for custom voltage ranges.



PRX-CORD



PRX-XF



PRX-HS



B-2



PRX-CS



PT-PRX

## ACCESSORIES ORDERING INFORMATION

Cat. No	Description
PRX-CORD	Charge Cord with 12VDC Automotive Jack
PRX-XF	115-240VAC Transformer to Plug PRX-CORD into 115-240VAC Wall Outlet
PRX-HS	Carrying Holster with Belt Clip and Restraining Strap
PRX-CS	Carrying Case; Holds PRX, PRX-HS and Charge Cords
PT-PRX	Proof Tester® Proximity Voltage Detector Tester
B-2	Padded, Zippered Carrying Bag with Strap; Holds PRX, PRX-HS and Charge Cords
S-4H	4' Fixed Length Fiberglass Hotstick
S-6H	6' Fixed Length Fiberglass Hotstick

\*Telescopic Hotsticks are available, contact HDE for details.