



G.L. McGAVIN

# NON-CONTACT VOLTAGE DETECTOR MODIEWARK RESCUE MODEL FR30

## FIELD DETECTION

**5.** When an electric field is detected by your tester, an array of **RED** LED's located at the top of the unit, will light up from left to right, indicating the detection range from the AC voltage source. (One **RED** LED further away from voltage source, six **RED** LED's closer to the voltage source).

## PICKUP ZONE

Always allow the *pickup zone* Label to be placed on the side of the body, that is most likely to be placed in harms way.

## SENSITIVITY SWITCH

**3.** The unit will start in the highest sensitivity setting on start up, indicated by a **GREEN** LED. When the **GREEN** Indicator is **ON** the unit is set to the highest sensitivity setting. When the **RED** Indicator is **ON** the unit is set to the lowest sensitivity setting. To determine the exact location of the voltage source place the unit on the Less Sensitive setting and approach with care, you can now identify live components.

## SELF TEST

**4.** The self test button is recommended to be used at regular intervals during the working day. The Self Test feature is designed as an independent circuit, apart from the detection circuit. This Self Test circuit produces an AC signal that the detection circuit can pick up.

## BATTERY LOW

**2.** Check the *low battery indicator* is not **RED** and continue with the operation. If the **RED** LED illuminates, replace battery before use with 4 \* AAA Alkaline or Lithium Batteries.

## HANDLING & USE

Always hold the Rescue FR30 with your thumb placed on the indicated position with your arm outstretched. This allows maximum detection distance. *The closer the unit is to the trunk of the body the lower the detection distance.*

THE UNIT WILL NOT DETECT DC VOLTAGES AND MUST BE USED BY TRAINED PERSONNEL AROUND TRAIN TRACKS AND RAILWAY CONTROL BOXES AND SIGNALS.



## POWER SWITCH

**1.** Push the **RED** ON button once, a **GREEN** LED power light will immediately illuminate. *Note:* The Unit will self test on start up all LED's will illuminate and the Buzzer will sound. To Turn of the tester Push and hold the **RED** ON/OFF button for 2 Seconds.

## BATTERY REPLACEMENT

The Batteries are located on the rear of the tester and requires 4 \*AAA 1.5 volt Alkaline or Lithium Batteries. The Battery compartment requires a Phillips head screwdriver to remove the four screws holding the battery cover. Two Short Screws on the top and two Long Screws on the Bottom. Ensure the battery is fitted the correct way placing the positive terminal as indicated on the inside base of battery compartment.



NON CONTACT VOLTAGE DETECTOR

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Nylon Pouch  
with belt loop

