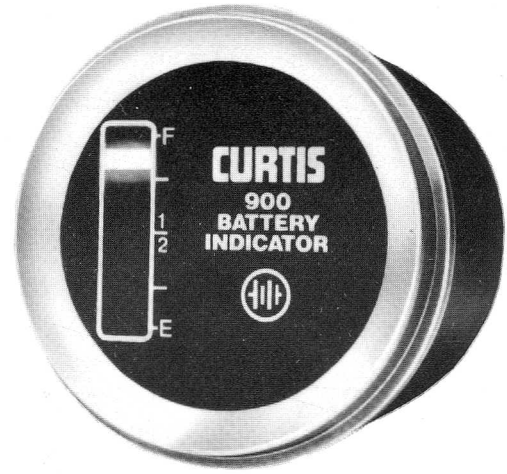


# CURTIS DATA



## CURTIS 900R BATTERY "FUEL" GAGE

### FEATURES:

The CURTIS 900R Battery "Fuel" Gage is a low-cost, easily-installed "fuel" gage that has been specifically designed for battery-powered equipment and electric vehicles not requiring lift lockout

The CURTIS 900R has been derived from the CURTIS 933/3 "Fuel" Gage and Battery Controller technology used on electric fork lift trucks worldwide.

The CURTIS 900R comes in a one-piece package containing all electronics and is installed via a simple 2-wire connection.

The unit features:

- An analog 10-LED display of state-of-charge.
- A flashing light "energy reserve" alarm at 70% depth of discharge.
- A double flashing light "empty" alarm at 80% depth of discharge.
- Improperly charged battery recognition.

### APPLICATION OPTIONS:

CURTIS 900R units have been designed specifically for the two major classes of lead acid battery-powered vehicles not served by the CURTIS 933/3:

- The CURTIS 900R **HG** unit is for industrial/recreational electric vehicles that **remain connected** to their batteries during the charge cycle.
- The CURTIS 900R **BN** unit is for electric fork lift equipment and electric vehicles that can be either **disconnected** from or **remain connected** to their batteries during the charge cycle.

**BN** units have undefeatable memory that remembers the state-of-charge of the battery when disconnected.

### SYSTEM VOLTAGES:

HG units: 12V, 24V, 36V, 48V, 72V, 80V

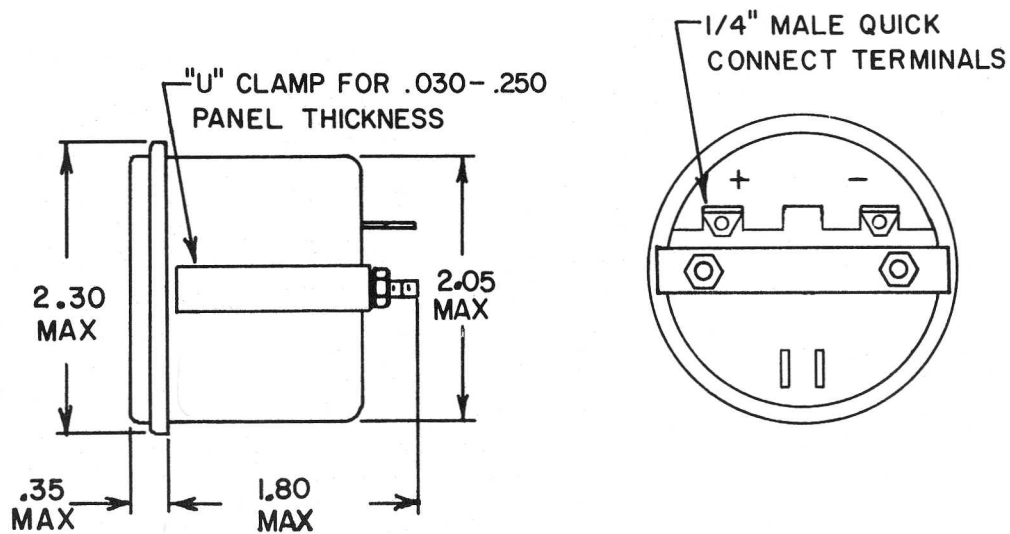
BN units: 12V, 24V, 36V, 48V, 72V, 80V

### WARRANTY:

Three months from date of delivery. Replacement without charge.

Distributed by:  
KTA SERVICES, INC.  
944 West 21st Street  
Upland, CA 91786  
909/949-7914

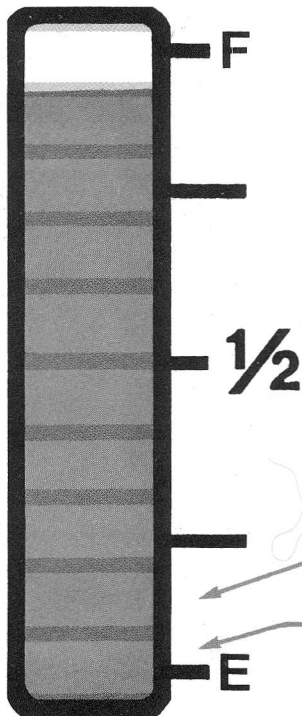
## DIMENSIONS:



## INSTALLATION:

CURTIS 900R "Fuel" Gage positive (+) terminal to battery positive (+) terminal bus;  
gage negative (-) terminal to battery negative (-) terminal bus.

## HOW THE 10-LED STATE-OF-CHARGE DISPLAY WORKS:



The battery is properly charged only when the top LED is illuminated.

As the battery's state-of-charge decreases successive LEDs light up: ONLY the LED indicating the state-of-charge is illuminated.

At this point, the LED flashes, indicating "energy reserve" (70% depth of discharge).

At this point, both bottom LEDs alternately flash, indicating "empty" (80% depth of discharge).

## APPLICATIONS:

**H** units are suited to personnel carriers, cargo (burden) carriers, tractors, sweepers, golf cars, etc.

**B** units are suited to pallet jack walkies, walkies, transpallets, scissor lifts, etc.