

# BATTERY "FUEL" GAGE

## MODEL 900R

# CURTIS



### DESCRIPTION

*The Curtis Model 900R battery "fuel" gage is low cost and easy to install. It is a single piece package and installs via a simple 2 wire connection.*

### WARRANTY

One year from date of delivery.

### Application

Model 900R is ideally suited for lead acid battery-powered vehicles that require a display function only.

- The HG reset/discharge profile is recommended for industrial/recreational vehicles that remain connected to their batteries during the charge cycle.
- The BN reset/discharge profile is recommended for electric fork lift trucks and electric vehicles that can be disconnected from or remain connected to their batteries during the charge cycle. Units so configured have an undefeatable memory that holds the state of charge of the battery when disconnected.

### Features

- Multicolored 10-bar LED displays state of charge.
- The top LED illuminates only when the battery is properly charged.
- At 70% discharge, flashing red LEDs signal "energy reserve" warning.
- Double flashing red LEDs signal "empty" alarm at 80% discharge.
- Recognizes improperly charged battery.
- Both fixed and adjustable discharge profiles are available.
- Optional audible alarm.
- Easy to install.

### System Voltages

Available in single voltages from 12, 24, 36, 48, 72 and 80VDC. Non-standard high voltage units are available.

### Environmental Specifications

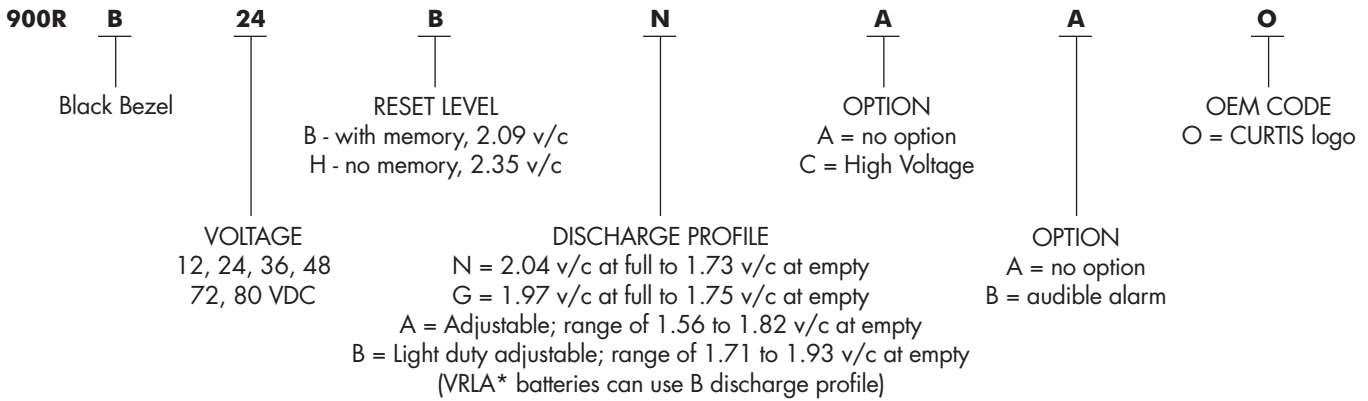
Operating Temperature: -40 to +80° C

Humidity: 30 to 95% RH (non-condensing) at 38° C

Storage temperature: -50 to + 90° C

Vibration: 2.2G; 20-200Hz; 20 minute period; X, Y, Z, 13 cycles each

## Model Encodement



\* = Value Regulated Lead Acid batteries often called "Maintenance-Free"

## Installation

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

## Dimensions mm (inches)

