The Model 34 LCD Totalizer/Preset Counter provides a large display with 0.28” [7mm] high characters, in a range of industry-standard sized housings.

The Model 34 counts and displays the number of pulses that appear at its input terminal at a rate of 40 pulses per second (Hz), the input interface handles AC or DC inputs. The Totalizers are available in 5 different housings.

A wide operating voltage, 10-300VDC and 20-300VAC, makes the model 34 versatile for all indoor and outdoor applications. All models are NEMA 4/4X, 12 & IP66 rated when used with the optional gasket and have a polarized lens which assures high visibility in an outdoor environment.

**Key Features**
- Totally sealed from moisture and dirt
- AC and DC voltage input in the same unit
- Compact depth
- Fits in existing panel openings
- Always on display

**Options**
- Optional Remote Reset
- A choice of 5 housings

**Applications**
- Medical Devices
- Test Equipment
- Control Panels
- Production Equipment
- Office Equipment
- Secondary Equipment
### Specifications

**Display**
- LCD with large 0.28” [7mm] high figures black on light background

**Reset**
- Remote and non-reset.

**Accuracy**
- 100% [provided signal meets stated parameters]

**Displays**
- 8 digits (99999999)

**Max pulse rate**
- 40 pulses per second (Hz)

**Inputs**
- VIH 20VAC or 10VDC minimum
- VIL 3VAC or 3VDC maximum

**Power**
- Self-powered battery life 10+ years

**Terminations**
- Standard 0.250” [6.4mm] spades

**Approvals**
- UL & cUL recognized (file # ELIY2.E36690), CE, SAE, NEMA 4/4X/IP66 compliant (not including snap-in models)

**Environmental**
- Operating Temp.: -10˚C to +60˚C [14˚F to +140˚F]
- Storage Temp.: -20˚C to +70˚C [-4˚F to +158˚F]
- Humidity: 95% RH per SAE J1378
- Shock: 44 to 55g's per SAE J1378
- Dielectric: 1000VAC 50/60 Hz for 1 minute
- Compliance: to European WEEE and RoHS Directives

**Sealing**
- Totally sealed

**EMC Compliance**
- EN61326

**Enclosure**
- Totally sealed from moisture and dirt. NEMA 4/4X, 12 & IP66 compliant from the front when properly mounted using the optional gasket.
- (Not applicable in the Snap-In Model)

**Weight**
- 1 oz. [28g]

**Notes:** When interfacing the Model 34 with a Solid State Relay or AC sensor, the leakage current needs to be considered. Exceeding the Absolute Voltage Range and the Absolute Maximum Limits may result in damage to the unit.

### Dimensions

#### Part Numbers

<table>
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<th>Part Number</th>
<th>Description</th>
<th>Gasket</th>
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<tr>
<td>3400-0000</td>
<td>AC/DC Counter 2-hole case 1/4” spade terminal non-reset</td>
<td>5003-010</td>
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<td>3400-0010</td>
<td>AC/DC Counter 2-hole case 1/4” spade terminal remote-reset</td>
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<td>3400-1000</td>
<td>AC/DC Counter 3-hole case 1/4” spade terminals non-reset</td>
<td>5003-017</td>
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<td>3400-1010</td>
<td>AC/DC Counter 3-hole case 1/4” spade terminals remote-reset <strong>special order</strong> MOQ=50pcs</td>
<td>5003-017</td>
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<tr>
<td>3400-2000</td>
<td>AC/DC Counter flush rectangular case 1/4” spade terminals non-reset <strong>special order</strong> MOQ=50pcs</td>
<td>5003-009</td>
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<td>3400-2010</td>
<td>AC/DC Counter flush rectangular case 1/4” spade terminals remote-reset</td>
<td>5003-009</td>
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<tr>
<td>3400-3000</td>
<td>AC/DC Counter round SAE case 1/4” spade terminals non-reset <strong>special order</strong> MOQ=50pcs</td>
<td>5003-009</td>
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<tr>
<td>3400-3010</td>
<td>AC/DC Counter round SAE case 1/4” spade terminals remote-reset</td>
<td>5003-009</td>
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<tr>
<td>3400-5000</td>
<td>AC/DC Counter snap-in case 1/4” spade terminals non-reset</td>
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<tr>
<td>5003-010</td>
<td>NEMA 4X Gasket two hole mount</td>
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</tr>
<tr>
<td>5003-017</td>
<td>NEMA 4X Gasket three hole mount</td>
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<tr>
<td>5003-009</td>
<td>NEMA 4X Gasket flush rectangular and SAE round mount</td>
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