SMART INSTRUMENT® GEN-2™
State-of-the-Art Warning & Switched Output Gauges

FEATURES
Four new 12V gauges: Fuel Level, Water Temperature, Oil Pressure & Voltmeter 
- Analog yet electronically-driven with 270° sweep 
- Accurate, reliable stepper motor drivers 
- Integral red LED warning light (low fuel, high temperature, low pressure or low volts) 
- Factory-calibrated switch points 
- Integral sealed Deutsch 6-pin connector 
- Easy installation 
- Fully sealed, anti-fog coated lens 
- Long-lasting LED amber backlighting 
- Lighted pointer 
- SAE black bezel, optional streamline type

APPLICATIONS
Smart Instrument® GEN-2™ gauges provide a state-of-the-art solution for cost-effective monitoring of critical vehicle and engine operating parameters, with an active warning and switched output capability designed to protect the customer's vehicle. The system is 12V. It is ideal for all-weather use as well.

<table>
<thead>
<tr>
<th>P/N</th>
<th>TYPE</th>
<th>RANGE</th>
<th>SET POINTS*</th>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>119689</td>
<td>Fuel</td>
<td>0-4/4</td>
<td>On: 1/8 descending; Off: 1/4 ascending</td>
<td>Switch to ground; maximum current: 1.4 Amps</td>
</tr>
<tr>
<td>119690</td>
<td>Water Temp</td>
<td>100-280°F</td>
<td>On: 215°F ascending; Off: 205°F descending</td>
<td>Switch to ground; maximum current 1.4 Amps</td>
</tr>
<tr>
<td>119691</td>
<td>Oil Pressure</td>
<td>0-100 psi</td>
<td>On: 10 descending; Off: 15 psi ascending</td>
<td>Switch to ground; maximum current 1.4 Amps</td>
</tr>
<tr>
<td>119692</td>
<td>Voltmeter</td>
<td>8-18 VDC</td>
<td>On: 10.5 descending; 15.5 ascending; Off: 11.0 ascending; 15.0 descending</td>
<td>Switch to ground; maximum current 1.4 Amps</td>
</tr>
</tbody>
</table>

*Other set points, 24V gauges possible.

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