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Operating Instructions
The “Santronics Low AC Sensor” is a hi-tech device for determining the presence or absence of 24-90 volts AC in an electrical or electronic system. It is not necessary to disconnect system as no contact is required for operation. Current flow is not necessary to locate voltage.

Simply apply the plastic probe to a connection or pass it along an insulated wire. If 24-90 volts AC is present, an LED in the probe will glow bright RED. Illumination will cease at a break in circuit or wire.

Applications for Use
This instrument can be used to detect the presence or absence of 24-90 volts AC in electrical systems such as:
- Irrigation systems
- Industrial control wiring
- HVAC low voltage wiring
- Vending machine changers
- Cable
- Telephone
- Sign
- Or any other electrical circuit ranging from 24-90 volts AC

CAUTION:
In order to insure proper operation and battery function prior to each use, the “Santronics Low AC Locator” may be checked by rubbing the probe tip on an article of clothing. This creates a static discharge which causes the LED in tip to flicker red. This indicates a properly functioning instrument.

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www.santronicsinc.com

Instrucciones de Operación
El “Sensor Santronics de baja corriente alterna (AC)” es un dispositivo de alta tecnología para determinar la presencia o ausencia de corriente alterna (AC) de 24-90 voltios en un sistema eléctrico o electrónico. No es necesario desconectar el sistema así como el no contacto es requerido para la operación. El flujo de corriente no es necesario para localizar el voltaje.

Simplemente aplique el probador plástico a la conexión o páselo a lo largo de un cable insulado. Si el voltaje de corriente alterna de 24-90 voltios está presente, una luz de color rojo brillará en el probador. La iluminación finalizará cuando haya un corto en el circuito o en el cable.

Aplicaciones para Uso
Este instrumento puede ser usado para detectar la presencia o ausencia de corriente alterna (AC) de 24-90 voltios en sistemas eléctricos tales como:
- Sistemas de irrigación
- Cableado industrial de control
- Cableado de bajo voltaje HVAC
- Cambiadores de máquinas dispensadoras
- Cable
- Teléfono
- Signo
- O cualquier otro circuito eléctrico entre los rangos de corriente alterna (AC) 24-90 voltios.

PRECAUCION:
En orden para asegurar la apropiada operación y el funcionamiento de la batería antes de cada uso, el “Localizador Santronics de Corriente Alterna (AC) baja” puede ser chequeado frotando la punta de la sonda sobre una prenda de vestir. Esto crea una descarga estática, la cual causa que la luz en el dispositivo titile rojo. Esto indica un correcto funcionamiento del dispositivo.
# Product Specification Guide

## Low AC Locator

**Type:** Non-Contact Voltage Sensor  
**Operating Range:** 24-90 Volts AC  

All surfaces are totally non-conductive for operator safety

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outer Surface</strong></td>
<td>Non-conductive body, probe and cap composed of injected molded high-impact nonflammable polycarbonate, with a dielectric of 220 Volts AC potential at 60 Hertz</td>
</tr>
<tr>
<td><strong>Operating Voltage</strong></td>
<td>24-90 Volts AC</td>
</tr>
<tr>
<td><strong>Batteries</strong></td>
<td>2 (two) replaceable “AAA” alkaline batteries included</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-40° C to +55° C</td>
</tr>
<tr>
<td><strong>Circuit Board</strong></td>
<td>Surface mounted components on FR-4 substrate</td>
</tr>
<tr>
<td><strong>Light Source</strong></td>
<td>One high-intensity SMD LED for maximum illumination</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>40.6 grams with batteries</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>5.75” length; .75” in diameter</td>
</tr>
<tr>
<td><strong>Breakdown Voltage</strong></td>
<td>4000+ Volts AC</td>
</tr>
<tr>
<td><strong>Interior Conductor Strip</strong></td>
<td>Brass strip approximately 4.75” in length</td>
</tr>
<tr>
<td><strong>Operating Principle</strong></td>
<td>This instrument senses the electrical field produced by AC voltage through insulation, without touching the conductor. A constant bright red glow will indicate the presence of AC voltage.</td>
</tr>
<tr>
<td><strong>Printing</strong></td>
<td>High adhesion pad printing for maximum resolution and definition</td>
</tr>
</tbody>
</table>

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