RLE’s sensing cable (SC) reliably detects water and other conductive fluid leaks, protecting facilities from damage and downtime.

**What Sets RLE’s Sensing Cable Apart?**

- **Leaders in the industry.** RLE has designed and manufactured leak detection for more than 30 years and over 14 million feet of our patented SC is currently installed in facilities worldwide.
- **Encapsulate at-risk areas and sources of leaks.** Conductive fluid contact at any point along the length of the cable triggers an alarm condition.
- **Engineered for reliability.** Sensing wires are covered with a non-conductive polymer mesh; dirt, dust, and contact with metal will not generate false alarms.
- **Constant oversight.** Four wire construction allows the system to continually monitor the cable and identify damaged or disconnected cables.

Patented Protection From Even The Smallest Leaks

**Applications**
- Place around the perimeter of rooms
- Serpentine under raised floors
- Install inside drop ceilings
- Affix to the bottom of pipes
- Secure around floor drains and under plumbing fixtures
- Encapsulate storage tanks and cooling equipment

**Key Features**
- Detects any conductive fluid
- Designed to eliminate false alarms
- Fast drying; quickly resets to detect the next leak
- Plenum (CL2P) rated
- Durable yet flexible design
- Patented since 2000
- Available in standard and custom lengths with pre-installed twist-lock connectors

All of our sensing cables are manufactured and assembled in the USA.
### Sensing Cable - Compatible with all RLE leak detection controllers and the WiNG-LD

**Product Codes**

- **SC-3** 3ft (0.91m) sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-10** 10ft (3.05m) sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-17** 17ft (5.18m) sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-25** 25ft (7.62m) sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-50** 50ft / 15.24m sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-100** 100ft / 30.48m sensing cable; conductive fluids, pre-installed male/female connectors
- **SC-CL** Custom length sensing cables are available. Contact RLE for more information.
- **SC-CL-EOL** Sensing cable; conductive fluids, custom length, pre-installed EOL. Contact RLE for more information.
- **SC-CL-L-EOL** Sensing cable; conductive fluids, custom length, pre-installed leader cable and EOL. Contact RLE for more information.
- **SC-Bulk** Bulk cable is available. Contact RLE for more information.
- **JC-10, JC-25, JC-50, JC-200** J-clips; cable securing clips; use to secure cable every 3-4ft (1m). Available in qty of 10, 25, 50, and 200.
- **SC-T** Cable caution tags; qty 10; use to identify cable every 10ft (3m)

### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plenum Rating</strong></td>
<td>CL2P (UL)</td>
</tr>
<tr>
<td><strong>Sheer Strength</strong></td>
<td>&gt;180 lbs. (&gt;81.65kg)</td>
</tr>
<tr>
<td><strong>Cut Through Resistance</strong></td>
<td>&gt;40 lbs. (&gt;18.14kg) with 0.005in (0.127mm) blade</td>
</tr>
<tr>
<td><strong>Abrasion Resistance</strong></td>
<td>60 cycles per UL 719</td>
</tr>
<tr>
<td><strong>Connector</strong></td>
<td>4 pin, 0.96in (24.38mm) diameter</td>
</tr>
<tr>
<td><strong>Diameter of Cable</strong></td>
<td>Not to exceed 0.25in (6.35mm)</td>
</tr>
<tr>
<td><strong>Operating Environment</strong></td>
<td></td>
</tr>
<tr>
<td>Temperature</td>
<td>32°F to 147°F (0°C to 75°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>5% to 95% RH, non-condensing</td>
</tr>
<tr>
<td>Altitude</td>
<td>15,000ft (4,572m) max.</td>
</tr>
<tr>
<td><strong>Storage Environment</strong></td>
<td>-22°F to 185°F (-30°C to 85°C)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>.02lbs./ft (29.74g/m)</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>CE; UL CL2P; RoHS Compliant; Plenum Rated; Patent No. 6,144,209</td>
</tr>
</tbody>
</table>

**Sensing Cable Detail**

- Diameter: 0.96in (24.38mm)
- Length: 10ft, 25ft, 50ft and 100ft (3.05m, 7.62m, 15.24m and 30.48m)

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