# SC

## Leak Detection Sensing Cable

Monitor. Integrate. Alert. Peace of Mind.

### 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.**



### Patented Protection From Even The Smallest Leaks

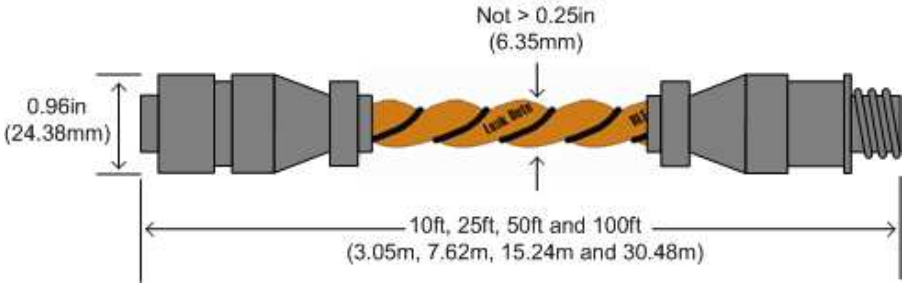
RLE's sensing cable (SC) reliably detects water and other conductive fluid leaks, protecting facilities from damage and downtime.

### 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.

## 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) |




**Sensing Cable Detail**

| Technical Specifications | |
|---|---|
| Plenum Rating | CL2P (UL) |
| Sheer Strength | >180 lbs. (>81.65kg) |
| Cut Through Resistance | >40 lbs. (>18.14kg) with.005in (0.127mm) blade |
| Abrasion Resistance | 60 cycles per UL 719 |
| Connector | 4 pin, 0.96in (24.38mm) diameter |
| Diameter of Cable | Not to exceed 0.25in (6.35mm) |
| Operating Environment<br>Temperature<br>Humidity<br>Altitude | <br>32° to 167°F (0° to 75°C)<br>5% to 95% RH, non-condensing<br>15,000ft (4,572m) max. |
| Storage Environment | -22° to 185°F (-30° to 85°C) |
| Weight | .02lbs./ft (29.74g/m) |
| Certifications | CE; UL CL2P; RoHS Compliant; Plenum Rated; Patent No. 6,144,209 |