

LEAK DETECTION SENSING CABLE

01

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
- Protect your liquid- or air-cooled data center

02

KEY FEATURES:

- Detects any conductive fluid
- Detects PG25
- 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

03

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.
- Support detection of leaks of Propylene Glycol / water mixtures.** Detects blends with up to 35% Propylene Glycol (by weight).

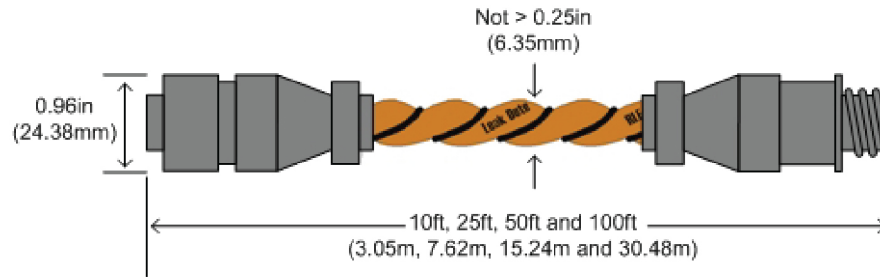
04 PATENTED PROTECTION FROM EVEN THE SMALLEST LEAKS: RLE's sensing cable (SC) reliably detects water and other conductive fluid leaks, protecting facilities from damage and downtime.



05 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.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)

06 Sensing Cable Detail



07 Technical Specifications

Plenum Rating	CL2P (UL)
Propylene Glycol Blends	Support detection of leaks of Propylene Glycol / water mixtures. Detects blends with up to 35% Propylene Glycol (by weight).
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)
Cable Bend Diameter Radius	1.0in (25.4mm) 0.50in (12.70mm)
Operating Environment Temperature Humidity Altitude	32° to 167°F (0° to 75°C) 5% to 95% RH, non-condensing 15,000ft (4,572m) max.
Storage Environment	-22° to 185°F (-30° to 85°C)
Weight	.02 lbs./ft (29.74g/m)
Certifications	CE; UL CL2P; RoHS Compliant; Plenum Rated; Patent No. 6,144,209