

Monitor. Integrate. Alert. Peace of Mind.

Applications

- Subway Tunnels
- Underground Parking Garages
- Nuclear Power Plants
- Ships and Submarines
- Low Ventilation Areas

Key Features

- Detects any conductive fluid
- Releases significantly less smoke and zero halogen upon combustion
- Makes exiting a space safer for employees and accessing a facility easier for emergency personnel
- Can be used inline with other RLE sensing cables
- Designed to eliminate false alarms
- Durable yet flexible design
- 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 low smoke zero halogen sensing cable (SC-ZH) reliably detects the presence other conductive fluids and is specially formulated to receive a LSZH materials classification.

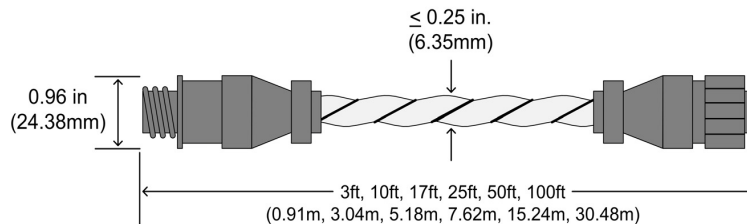
What Sets RLE's LSZH Sensing Cable Apart?

- **Certified for use in low ventilation areas** that require materials, when burned, to create smoke with a reduced quantity, density, and toxicity.
- **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.

LSZH Sensing Cable • Compatible with all RLE leak detection controllers and the WING-LD

| Product Codes | |
|-----------------------------|---|
| SC-ZH-3 | 3ft / 0.91m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-10 | 10ft / 3.04m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-17 | 17ft / 5.18m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-25 | 25ft / 7.62m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-50 | 50ft / 15.24m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-100 | 100ft / 30.48m sensing cable; zero halogen, conductive fluids, pre-installed male/female connectors |
| SC-ZH-CL | Custom length sensing cables are available. Contact RLE for more information. |
| SC-ZH-CL-EOL | Custom length sensing cable; zero halogen, conductive fluids, pre-installed EOL |
| SC-ZH-CL-L-EOL | Custom length sensing cable; zero halogen, conductive fluids, pre-installed leader cable and EOL |
| SC-ZH-Bulk | Bulk sensing cable; zero halogen, conductive fluids, no connectors. 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) |

Low Smoke Zero Halogen Sensing Cable Detail



| Technical Specifications | |
|--------------------------|--|
| 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 |
| Resistance per Foot | 2.8 ohms |
| Operating Environment | |
| Temperature | -13° to 194°F (-25° to 90°C) |
| Humidity | 5% to 95% RH, non-condensing |
| Altitude | 15,000ft (4,572m) max. |
| Storage Environment | -22° to 194°F (-30° to 90°C) |
| Diameter of Cable | Not to exceed 0.25in (6.35mm) |
| Weight | .02 lbs./ft (29.74g/m) |
| Certifications | CE; RoHS Compliant; LSZH IEC 60754-2 (Halogen Free), IEC 61034-1 (Low Smoke) |

