NSC

Non-Sensing Cable for Leak Detection Installations

Applications

An affordable way to span sections of sensing cable and spot detectors when leak detection is not necessary.

- NSC - For use with RLE sensing cables and spot detectors
- NSC-M - For use with RLE chemical sensing cable

Key Features

- Does not impact the quantity of SC or SD-Zs that can be connected to a leak detection controller.
- Can be used inline with other RLE leak detection products.
- Use in wall penetrations to prevent false alarms.
- Durable yet flexible design
- Plenum (CL2P) rated
- Available in standard and custom lengths with pre-installed twist-lock connectors

Extend & Bridge Sensing Cable Lengths

Non-sensing cable (NSC) is used bridge sections of leak detection installations where fluid sensing is not required.
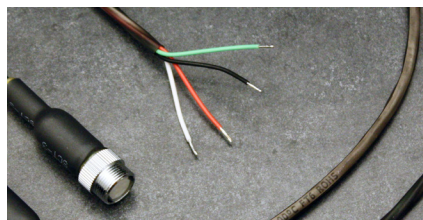
What Sets RLE's Non-Sensing Cable Apart?

NSC does not affect the accuracy of system readings or limit the amount of sensing cable that can be connected to a leak detection controller. NSC is frequently used to:
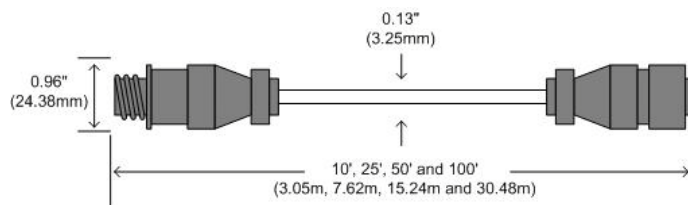
- **Extend a control panel's leader cable** from the panel's secure location to the area where sensing cable or spot detectors are required.
- **Connect sensing cable runs in separate rooms.** Whether over walls or through walls, integrating NSC prevents false alarms that may occur when traditional SC comes in contact with internal wall components.
- **Span the distance** between spot detectors or sensing cable runs in an installation. NSC does not affect the accuracy of readings or limit the amount of sensing cable that can be connected to a leak detection controller.

NSC · Compatible with RLE's SC, SC-ZH, and spot detectors. NSC-M is compatible with SC-C.

Product Codes	
NSC-3	3ft / 0.91mm non-sensing cables; pre-installed male/female connectors (for use with SD-Z, SC, SC-R & SC-ZH)
NSC-10	10ft / 3.04m non-sensing cables; pre-installed male/female connectors (for use with SD-Z, SC, SC-R & SC-ZH)
NSC-25	25ft / 7.62m non-sensing cables; pre-installed male/female connectors (for use with SD-Z, SC, SC-R & SC-ZH)
NSC-50	50ft / 15.24m non-sensing cables; pre-installed male/female connectors (for use with SD-Z, SC, SC-R & SC-ZH)
NSC-100	100ft / 30.48m non-sensing cables; pre-installed male/female connectors (for use with SD-Z, SC, SC-R & SC-ZH)
NSC-CL	Custom length non-sensing cables are available. Contact RLE for more information.
NSC-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)
NSC-10-M	10ft / 3.04m non-sensing cables; pre-installed male/female connectors (for use with SC-C)
NSC-25-M	25ft / 7.62m non-sensing cables; pre-installed male/female connectors (for use with SC-C)
NSC-50-M	50ft / 15.24m non-sensing cables; pre-installed male/female connectors (for use with SC-C)
NSC-100-M	100ft / 30.48m non-sensing cables; pre-installed male/female connectors (for use with SC-C)
NSC-CL-M	Custom length non-sensing cables are available. Contact RLE for more information (for use with SC-C)
NSC-C-Bulk	Bulk cable is available. Contact RLE for more information (for use with SC-C)
JC-C-10, JC-C-25, JC-C-50, JC-C-200	J-clips; cable securing clips for use with SC-C; use to secure cable every 3ft (1m). Available in qty of 10, 25, 50, 200.
NSC-10-ZH	10ft / 3.04m non-sensing cable LSZH ; pre-installed male/female connectors (for use with SC-ZH)
NSC-25-ZH	25ft / 7.62m non-sensing cable LSZH ; pre-installed male/female connectors (for use with SC-ZH)
NSC-50-ZH	50ft / 15.24m non-sensing cable LSZH ; pre-installed male/female connectors (for use with SC-ZH)
NSC-100-ZH	100ft / 30.48m non-sensing cable LSZH ; pre-installed male/female connectors (for use with SC-ZH)
NSC-CL-ZH	Custom length non-sensing cables are available. Contact RLE for more information (for use with SC-ZH)
NSC-ZH-Bulk	Bulk cable is available. Contact RLE for more information (for use with SC-ZH)

NSC-M

Non-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

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)
Diameter of Cable	Not to exceed 0.25in (6.35mm)
Weight	.01 lbs./ft (14.87g/m)
NSC Certifications	CE and ETL when used with RLE leak detection controllers; RoHS compliant; CL3P/CMP Plenum rating
NSC-M Certifications	CE and ETL when used with RLE leak detection controllers; RoHS compliant; CMP Plenum rating