

### Applications

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

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

### Key Features

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

All of our sensing cables are manufactured and assembled in the USA.



### 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:

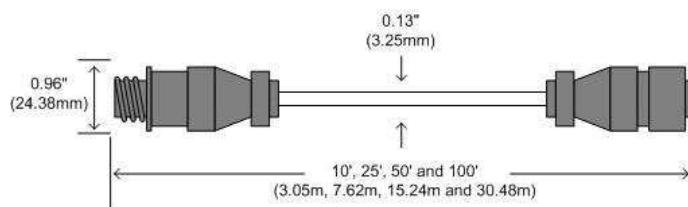
- o **Extend a control panel's leader cable** from the panel's secure location to the area where sensing cable or spot detectors are required.
- o **Connect sensing cable runs in separate rooms.** Whether over walls or through walls, integrating NSC prevents false alarms that may occur when traditional SC comes in contact with internal wall components.
- o **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 / 0.91m 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              | 32° to 167°F (0° to 75°C)                                                                        |
| Humidity                 | 5% to 95% RH, non-condensing                                                                     |
| Altitude                 | 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      |

