

SC & NSC

Highly Flexible, Resists Bends and Kinks, Abrasion Resistant



Sensing and non-sensing cables are designed for use with Zone and Distance Read panels. The sensing cables detect the presence of detectable liquid, and send a signal to the panel. The panel generates an alarm and pinpoints the location of the leak or spill along the cable's length. Sensing cables are designed for high accuracy and maximum reliability.

SC water detection cable senses the presence of water or other conductive fluid.

NSC non-sensing cable is used to extend the control panel's leader cable to an area where SC detection cable is needed. It also bridges lengths of SC detection cable in areas where sensing is not required. Invisible to the control panel, the non-sensing cable does not affect the accuracy of readings or limit the amount of detection cable that can be connected to a control panel. NSC cables are only compatible with systems using SC water detection cables.

All cables are highly flexible, durable, and kink-resistant. They lie flat after installation, and are abrasion resistant. The cables are plenum rated and UL Listed, making them ideal for use under raised floors and areas where plenum rated cable is required. Choose a pre-specified cable length or a custom length for your convenience and installation flexibility.

SPECIFICATIONS

| | |
|------------------------|---|
| Plenum Rating: | |
| SC | CL2P/CMP C(UL) |
| NSC | CL3P/CMP C(UL) California State Fire Marshall approved |
| Shear Strength: | >180 lbs (>81.65 kg) |
| Cut Through Resistance | >40 lbs (>18.2 kg) with 0.005" (0.13 mm) blade |
| Abrasion Resistance | 60 cycles per UL 719 |
| Connector | 4-pin, 1" (25.4 mm) dia., circular, locking, 4-pin |

OPERATING ENVIRONMENT

| | |
|-------------|----------------------------|
| Temperature | 0 to 75 °C (32 to 167 °F) |
| Humidity | 5 to 95% RH non-condensing |
| Altitude | 15,000 ft. (4,572 m) max. |

STANDARD LENGTHS

| | |
|--------------|----------------|
| SC-10/NSC-10 | 10 ft. (3.1 m) |
| SC-17 | 17 ft. (5.1 m) |
| SC-25/NSC-25 | 25 ft. (7.7 m) |

Strong

Strong, durable, and abrasion resistant

Plenum rated

Plenum rated and UL Listed

Easy installation

Expansion with mating end connectors...easy installation

Accurate

Highly accurate alarm notification...fewer false alarms

Installation flexibility

Available in pre-measured and custom lengths with pre-installed end connectors

| | |
|--------------------------------|---|
| SC-50/NSC-50 | 50 ft. (15.3 m) |
| SC-100/NSC-100 | 100 ft. (30.5 m) |
| Storage Environment | -30 to 85 °C (-22 to 185 °F) |
| Weight | 0.02 lbs/ft (29.7 g/m) |
| Agency Approvals: SC NSC | CE; UL; RoHS compliant UL E118871; UL 13, power limited circuit cable; UL 444, communication cables; NFPA 262; plenum flame test (UL 910); NEC Articles 725 and 800; RoHS compliant |

WARRANTY

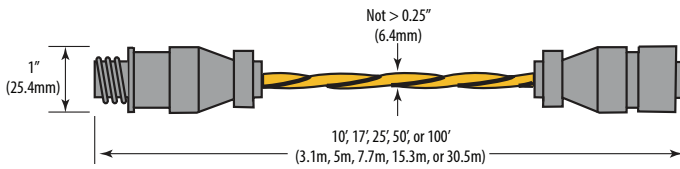
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|------------------|---------|
| Limited Warranty | 2 years |
|------------------|---------|

AGENCY APPROVALS



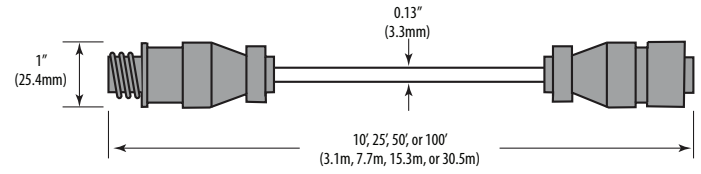
SC

Dimensional Drawing



NSC

Dimensional Drawing



ORDERING INFORMATION

Sensing Cable

| MODEL | MANUF. PART # | DESCRIPTION |
|-----------|---------------|--------------------------------|
| U006-0009 | SC-10 | Sensing Cable, Water, 10 feet |
| U006-0048 | SC-17 | Sensing Cable, Water, 17 ft |
| U006-0013 | SC-25 | Sensing Cable, Water, 25 feet |
| U006-0014 | SC-50 | Sensing Cable, Water, 50 feet |
| U006-0010 | SC-100 | Sensing Cable, Water, 100 feet |

ORDERING INFORMATION

Non-sensing Cable

| MODEL | MANUF. PART # | DESCRIPTION |
|-----------|---------------|-----------------------------|
| U006-0017 | NSC-10 | Non-Sensing Cable, 10 feet |
| U006-0021 | NSC-25 | Non-Sensing Cable, 25 feet |
| U006-0022 | NSC-50 | Non-Sensing Cable, 50 feet |
| U006-0018 | NSC-100 | Non-Sensing Cable, 100 feet |