

NEVER-FAIL PREFORMED INDUCTIVE LOOP

MODEL LS (FLEX-HOSE LOOP HEAD)

Description: Model LS detection loops are designed for installation into concrete pour, asphalt overlays, direct burial, and cut-in. This model provides cost-effective, reliable installation in harsh environments. Model LS has the flexibility to withstand the rigors of the installation process.

LOOP HEAD	LEAD-IN	TEE	WIRE	O.D.
HYDRAULIC FLEX HOSE	HYDRAULIC FLEX HOSE	SCHEDULE 80 CPVC	14 AWG STR THHN/THWN-2	5/8 INCH (16MM)

APPLICATION

- Concrete Pour (with or without rebar) / Hot Asphalt overlay / Direct Burial (dirt & gravel) / Cut-in (5/8 inch slot)

CONDUIT

- PVC/polyurethane alloy cover
- High tensile strength yarn reinforcement
- Grey PVC/polyurethane alloy tube
- Excellent cut, abrasion, and impact resistance
- Superior resistance to moisture, salt, gasoline, and oil (Class A)
- Great flexibility over wide temperature range
- 5/8 inch O.D. (16 millimeter) / 3/8 inch I.D (9.5 millimeter)

CONNECTION

- Schedule 80 CPVC tee to join loop head and lead-in (wire passes through -- no splices within tee)
- Strongest tee available - Dimensions: 3 inch long (1-1/8 inch O.D.)

WIRE

- Loop wire is 14 gauge AWG thhn/tffn stranded(19), single conductor with PVC installation and nylon exterior jacket
- One continuous wire through the loop head and lead-in to prevent loop malfunctions due to splicing
- Wires within lead-in are machine twisted at 6 twists per foot

CONSTRUCTION NOTES

- The entire loop (loop head, tee, lead-in) shall be filled with hot rubberized self sealing emulsion which allows the loop to remain flexible once cooled, prevent incursion of moisture, and set the wire firmly in place.
- Loops shall be tested four ways prior to shipment ("megger", inductance, ohms, quality-factor).
- All loops factory produced and come with a full 10 year manufacturer's warranty.
- Shipped ready to install.

NFLS MODEL LS 2017

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