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.

<table>
<thead>
<tr>
<th>LOOP HEAD</th>
<th>LEAD-IN</th>
<th>TEE</th>
<th>WIRE</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDRAULIC FLEX HOSE</td>
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<td>SCHEDULE 80 CPVC</td>
<td>14 AWG STR THHN/THWN-2</td>
<td>5/8 INCH (16MM)</td>
</tr>
</tbody>
</table>

**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)

**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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