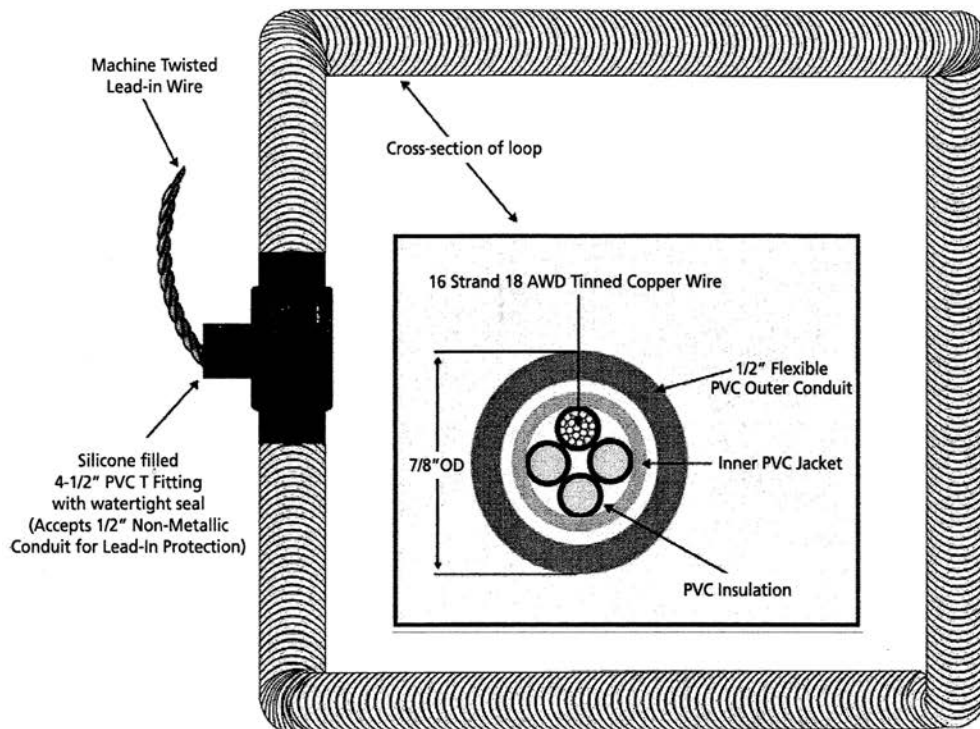


WARNING

TO REDUCE THE RISK OF SEVERE INJURY OR DEATH TO PERSONS:

1. READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.
2. Be sure that the main power is OFF before performing any changes on the operator.
3. Inductive Loops are not intended to be used as pedestrian entrapment protection devices, they are specifically designed to detect the presence or passage of vehicles.

Pre-Formed Inductive Vehicle Detection Loop / Pave-Over / Direct Burial Style (Flexible)



Specifications

Standard Loop Sizes

2'x6'	4'x12'	6'x12'
3'x6'	4'x16'	6'x15'
4'x3'	4'x20'	6'x16'
4'x6'	4'x33'	6'x20'
4'x8'	5'x10'	6'x24'
4'x10'	6'x10'	6'x42'

Custom loop sizes are available.

Standard Lead-in Length 50'

Custom lead-in lengths are available.
(Up to 500 feet)

Loop Wire

18GA, 16 strand Tinned Copper with PVC Insulation and Outer Jacket.

Lead-in

18GA Twisted Pair, 16 Strand XLP Insulated.

Conduit

Flexible Non-Metallic 1/2" Liquid Tight Conduit.

"T"

4-1/2" PVC T Fitting with watertight seal.

Accepts 1/2" Non-Metallic Conduit for Lead-in Protection.

Installation Instructions:

➤ Installation in Gravel Road or Driveway

1. Position and shape the loop on the driveway.
2. Pull the lead-in through ½" (1.3 cm) rigid PVC. Glue all of the PVC joints with a proper PVC solvent cement.
3. Dig a 7"-10" (2.1 m-3 m) deep trench the size of the loop.
4. Fill the trench with 1" (2.5 cm) of sand or stone dust.
5. Lay the loop and lead-in into the trench.
6. Cover the loop and lead-in PVC run with 2" (5 cm) of sand or stone dust.
7. Compact sand around the loop, then fill in the trench with ¾" (1.9 cm) gravel.

➤ Installation under Asphalt

1. Position and shape the loop on the driveway.
2. Position and shape the loop on the driveway.
3. Pull the lead-in through ½" (1.3 cm) rigid PVC. Glue all of the PVC joints with a proper PVC solvent cement.
4. Dig a 2" (5 cm) wide by 3"-4" (7.6 cm – 10.2 cm) deep trench the size of the loop.
5. Fill the trench with 1" (2.5 cm) of sand base or stone dust.
6. Lay the loop and lead-in run in the trench on top of the sand base.
7. Cover the loop and lead-in PVC run with 2" (5 cm) of sand or stone dust.

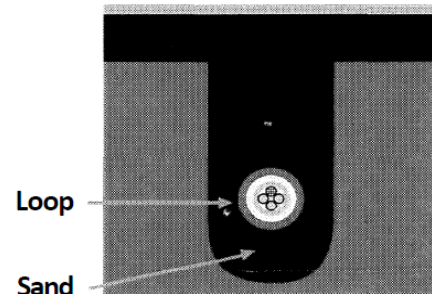
Note: Loops cannot come in direct contact with hot asphalt. Call us for any questions and to find an alternate solution.

➤ Installation under Pavers

Note: If the sub-base is concrete or a slurry, we recommend that you saw-cut in a saw-cut style loop instead.

1. Determine the loop position and lead-in run to door operator.
2. Dig a 2" (5 cm) wide by 3"-4" (7.6 cm -10.2 cm) deep trench the size of the loop and lead-in.
3. Fill the trench with 1" (2.5 cm) of sand.
4. Run the lead-in, through ½" (1.3 cm) rigid PVC. Glue all of the PVC joints with a proper PVC solvent cement and place the loop and lead-in into the trench.
5. Cover the loop and lead-in PVC run with 2" (5 cm) of sand.

Loop should be encased in sand



Basic Loop Layout Guidelines:

➤ Exit and Vehicle Detection Loops

- 4' (1.2 m) from the door or gate, 4' (1.2 m) from other loops and a minimum of 0-4' (0-1.2 m) from each curb.
- To determine the size of a vehicle detection loop on a sliding door or gate, a common industry practice is to take the opening size less 8' (2.4 m). Ex: if the opening is 20' (6 m), the vehicle detection loop can be 4 x 12 or 6 x 12.

➤ Shadow Loops (Swing Gate)

- The loop lies under the swing path, 4' (1.2 m) from other loops.
- 4' (1.2 m) from the gate in its closed position and 0-4' (0-1.2 m) from the curb.

For further information, please consult the operator's Installation & Instruction Manual or contact our Technical Support Department at **1-800-361-2260**.