EL00W & EL00W-RAD Specifications

Input Voltage:	12-24VDC
Relay Connections:	NC/COM/NO
Relay Contact Ratings:	1A
Current:	standby 20mA and active 30mA

The e-Loop Wired system was designed for high operational sites and is a quick and easy solution to fitting wired induction loops. Just one simple line trace to cut or cover wire with cable cover for complete surface mount option without the need for any site works.

Fitting options are surface mount and flush mount for the presence mode loop, or surface mount, flush mount or completely concealed for the exit mode.

Wires direct to gate controller inputs. No need for additional transceiver.

Wireless connection is still available for connection of diagnostic tools as per all the e-Loop range.

Wired

Wired e-Loop Instructions

Installation in 3 simple steps

First, select the method of fitting; surface mount, flush mount or concealed.

STEP 1:

Cut the line from the e-loop to the controller around 15mm deep using a double blade, so grove is wide enough to fit the 4.1mm diameter cable. Bolt the surface mount style to the concrete using the concrete screws provided, or core bore a hole 70mm diameter x 25mm deep for flush mount, or 40mm deep for concealed.

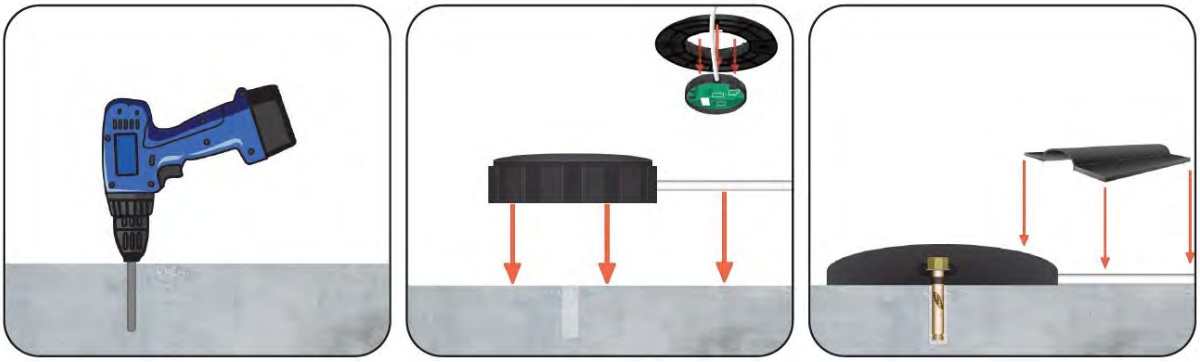
STEP 2:

Using Sikaflex rubberised adhesive fill the base of the grove up 5mm then sit the wire into position and add a top layer of Sikaflex to fully seal the cable. For flush mount apply Sikaflex in the base in a number of positions of the 25mm deep hole, then press down on the e-loop until it is flush with the surface. For concealed, simply sit in the hole and cover with driveway base material or a resin.

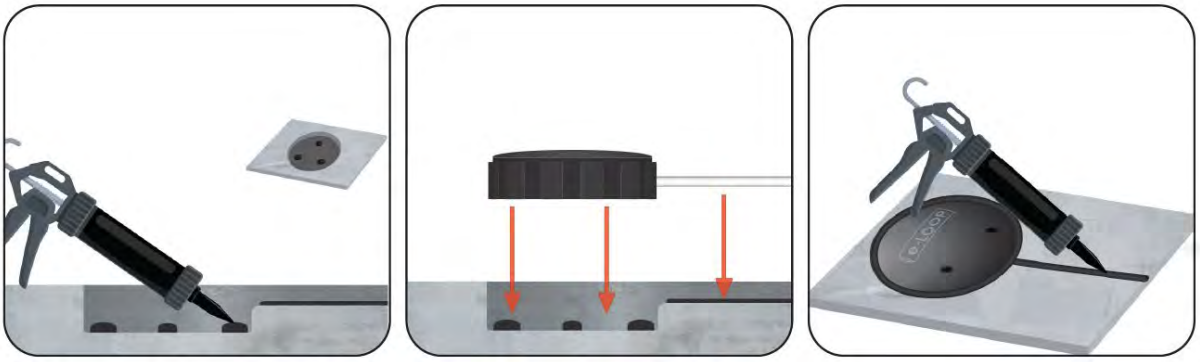
STEP 3:

Wire into the gate controller. Once powered up the e-loop will automatically calibrate and will be ready to use.

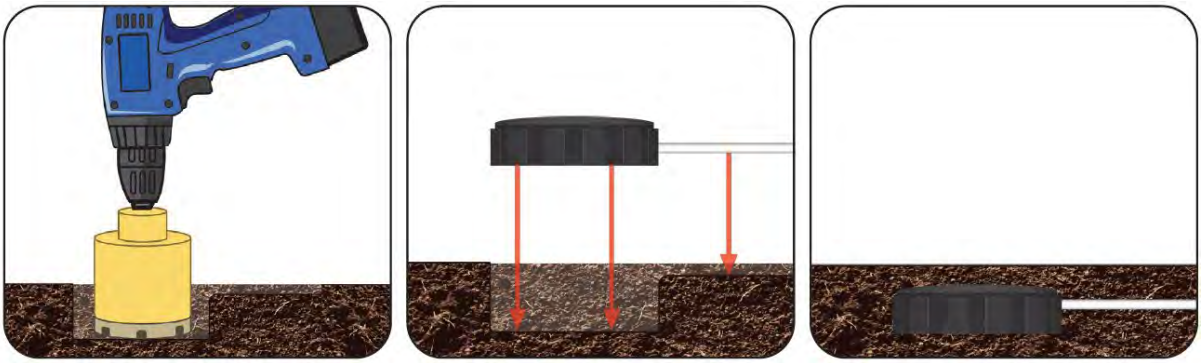
Surface Mount



Flush Mount



Concealed Note: Exit mode loop only



Wiring Diagram