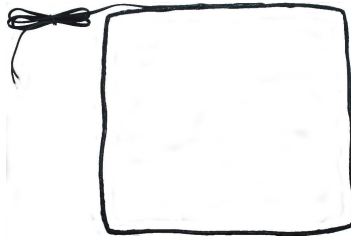


# Counter Loop coils

## General Operation:

The counter loop coils are designed for small, localised systems such as bank cashier points, checkouts, help points, reception desks or similar applications. It is available either as an open coil, or sleeved to suit application.

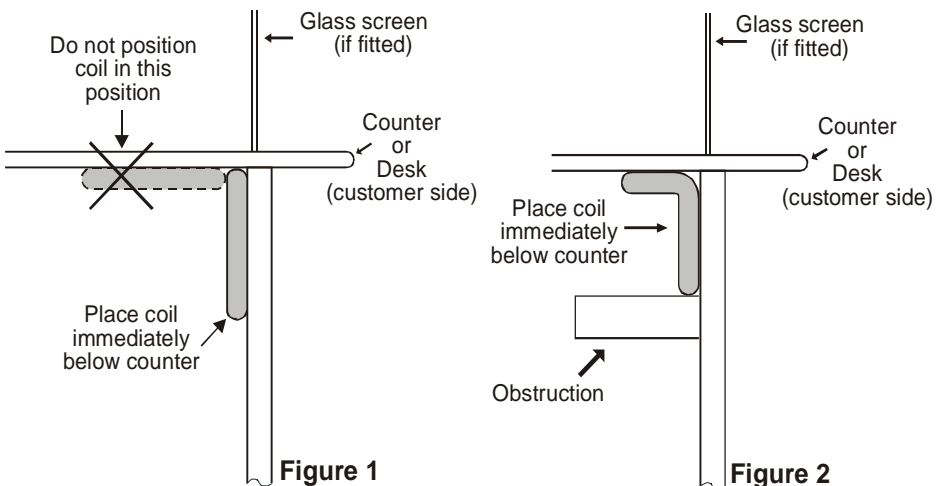


Part No:  
GE00001 – 16 Turns  
GE00022 – 12 Turns

The counter loop coils are designed to be driven from the *Ampetronic* loop drivers such as CLD1, DLS and HLS02. Operation of the loop coils is not guaranteed if used with other equipment.

## Location:

The coil produces a localised magnetic field and so the installation position is critical to providing acceptable performance. Ideally the coil should be installed vertically, and as high as possible on the rear side of the front panel as shown:



Position the loop coil as shown in **Figure 1**, with the larger dimension of the coil horizontal.

If the space for fixing the coil is restricted, then a small portion of the coil may be bent over as shown in **Figure 2**.

***Important - Placing the Counter loop coil behind surfaces constructed or covered with metal will greatly affect the performance of the system, and may not work at all. Contact Ampetronic for further assistance.***

### **Fixing the open coil:**

The coil can be fixed to a wall or partition using the adhesive cable clips supplied.

Position the clips so that the tabs point towards the centre of the coil and locate the tabs or clips so that the coil is held firmly when the tabs are bent over.

Other clips may be used if preferred provided that the coil is not damaged.

### **Fixing the sleeved coil:**

Mounting of the sleeved coil is the same as the open loop coil for positional orientation, but fixing must be with either staples or screws.

The internal coil is sewn around the outer edge of the sleeve and can easily be felt through the cover. Do not pierce through either the coil or flexible cable with any object. Mount the covered coil assembly so that it is held securely.

### ***Important notes:***

***i) The counter or desk must not be made of metal for the system to function correctly.***

***ii) Do not install the Counter Loop coil in a horizontal plane unless agreed with Ampetronic Ltd in advance.***

***iii) Do not pierce the Counter Loop coil structure with any object.***

### **Operation:**

Once the coil is in fixed securely into position, refer to the instructions supplied with the loop driver for how to connect it to the loop terminals and get the system working.

### **Specification:**

#### **Open coil:**

**Lead out:** 1m black PVC 0.5mm<sup>2</sup>, fig.8

**Coil Winding:** 0.8mm<sup>2</sup> enamelled copper wire

**Coil Wrap:** PVC tape

GE00001 – Black,

GE00022 – Grey

**Dimensions:** 345mm x 305mm.

**Weight:** 195g

#### **Sleeved coil:**

**Lead out:** 1m black PVC 0.5mm<sup>2</sup>, fig.8

**Coil Winding:** 0.8mm<sup>2</sup> enamelled copper wire

**Coil Wrap:** PVC tape

**Dimensions:** 380mm x 380mm.

**Weight:** 325g

**Colour:** Anthracite.

**Material:** 300D Polyester, fire retardant specification.

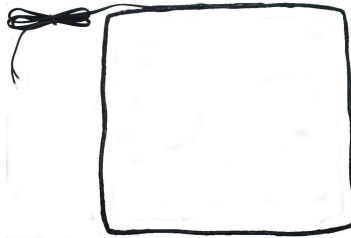
### **Warranty information**

This product carries a 1 year parts and labour warranty which could be invalidated if these instructions are not followed correctly, or the unit is tampered with in any way. The 1 year warranty is dated from the time the equipment leaves Ampetronic and NOT when it is installed.

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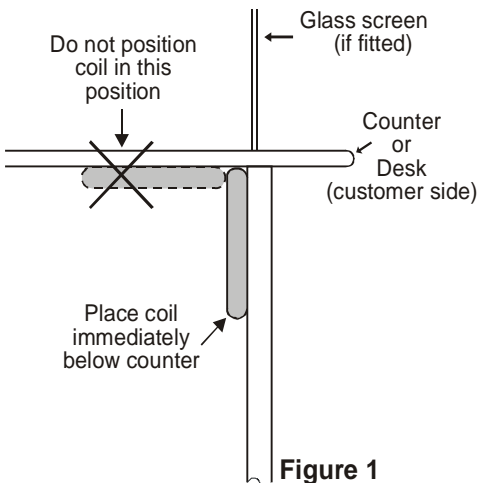


Figure 1

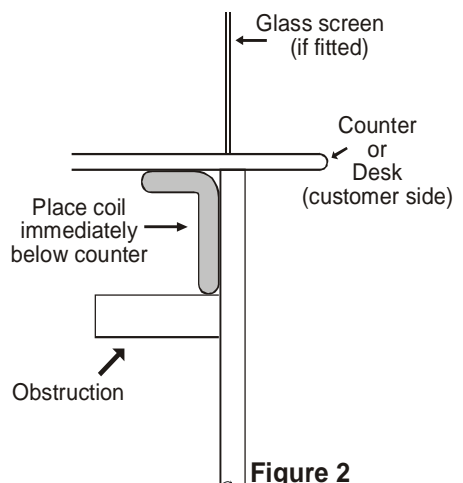


Figure 2

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