

Greenwald Industries

DigiCoin

Quick Start Guide

01/05/2015

THIS PAGE INTENTIONALLY LEFT BLANK

Table of Contents

1. Introduction	p.3
2. Features and Benefits	p.3
3. Set Up	p.4
4. Installation	pp. 5 – 8
5. Field Training Switch	pp. 9-10
6. Cleaning	p. 11

1. Introduction:

Greenwald's DigiCoin is an electronic coin drop designed specifically for equipment used in the vended Laundry market.

The unit ships programmed to accept up to 12 different coins or tokens.

All units come with the ability to be taught in the field to accept up to 3 unique tokens.

Its low profile design will fit in both panel mount and meter case applications.

The coin slot opening is designed to accept all known large diameter coins and tokens up to 29mm.

Each desired coin's diameter and magnetic attributes are measured and programmed at our factory. Every coin inserted is measured for 3 unique properties set against pre-determined tolerances to ensure only the coins you want are accepted and that slugs are rejected.

2. Features & Benefits:

Designed to operate from 12-24V DC or AC power 50hz or 60hz.

Programmed to accept up to 12 unique coins or tokens

Accepts all known coins.

Can be taught in the field – even while installed. (Token only)

2 outputs- one for coin, one for tokens

Signal sense switch to accommodate different machine types

Stainless-steel face plate on all models

Easy to clean.

10C to 70C operation temperature

Resists slugs

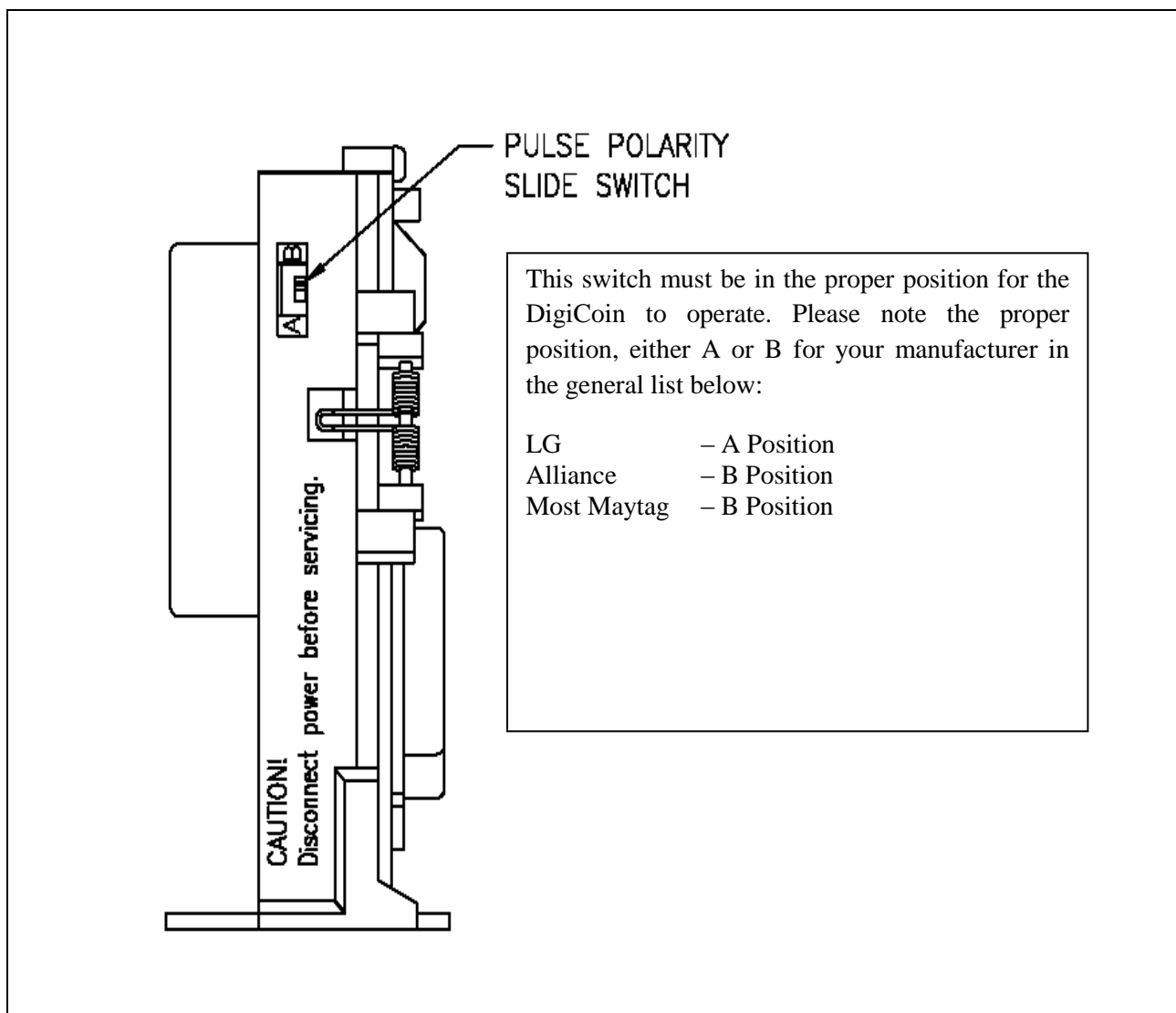
Full 1-year warranty

3. Set Up

DigiCoin ships programmed from the factory to accept coins as ordered. No field set up is required. If you wish to add a unique token, please refer to Field Programming section in this guide.

3.1. Polarity Switch

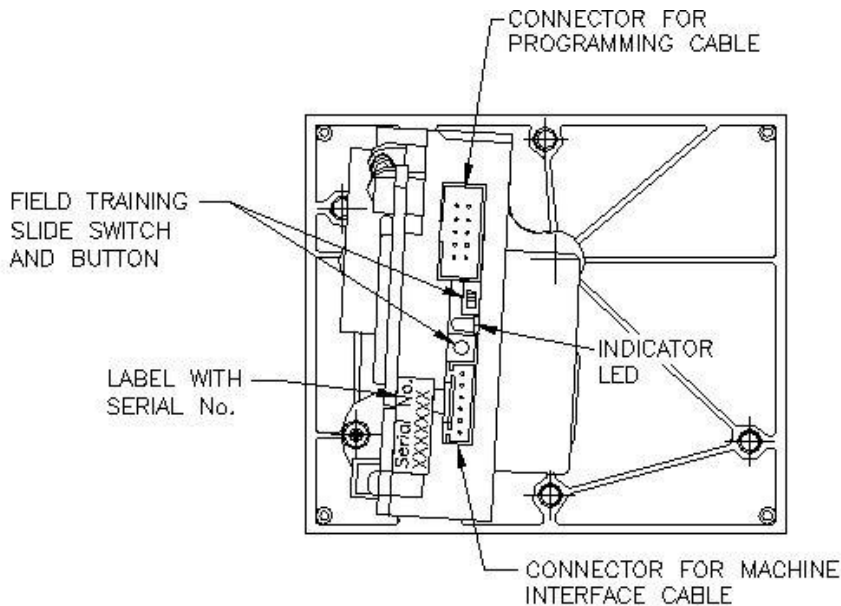
Laundry machines are programmed to start when the necessary “pulses” are received. Different manufactures recognize pulse values at either normally open “B” position or normally closed “A” position. DigiCoin has a pulse polarity switch so that it can communicate with different machine manufacturers.



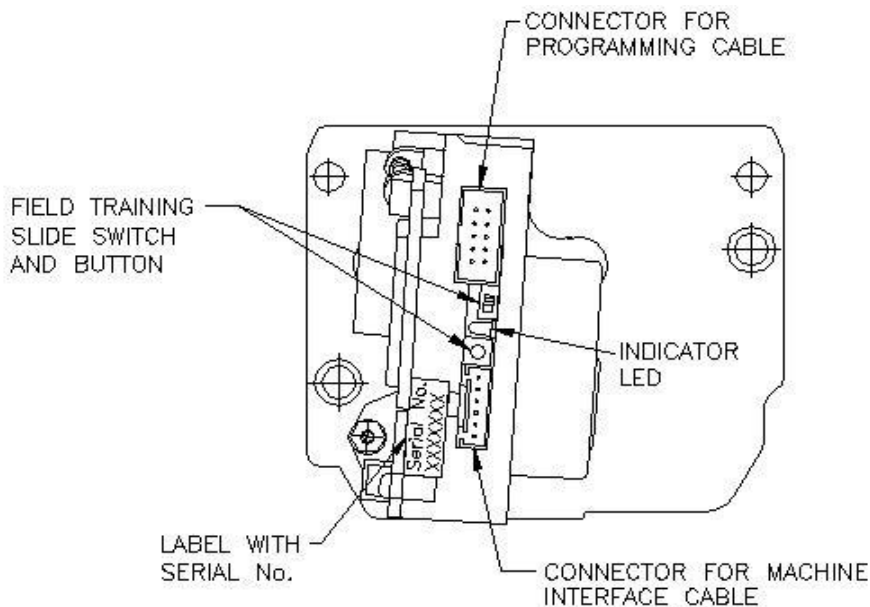
4. Installation

DigiCoin is provided with a faceplate that is designed for your application. It fits all standard coin mechanism openings either front mount or rear mount.

4.1. **Front Mount** - DigiCoin is secured by two mounting rods that attach to the faceplate from the rear of the unit. In a meter case application you can use the same mounting rods.



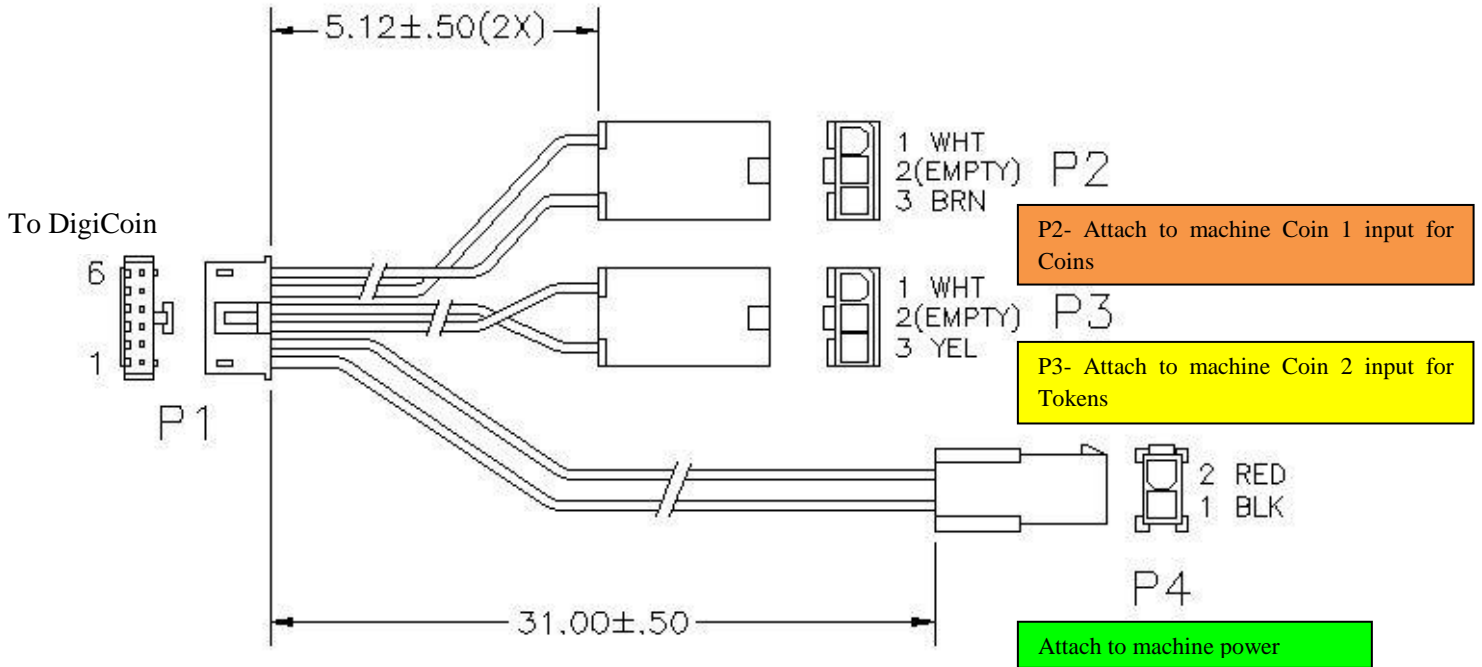
4.2. **Rear Mount** - Install by mounting the DigiCoin on machine manufacturer supplied studs/locating rods on the rear of the mounting panel and secure by using machine manufacturer supplied mounting nuts.



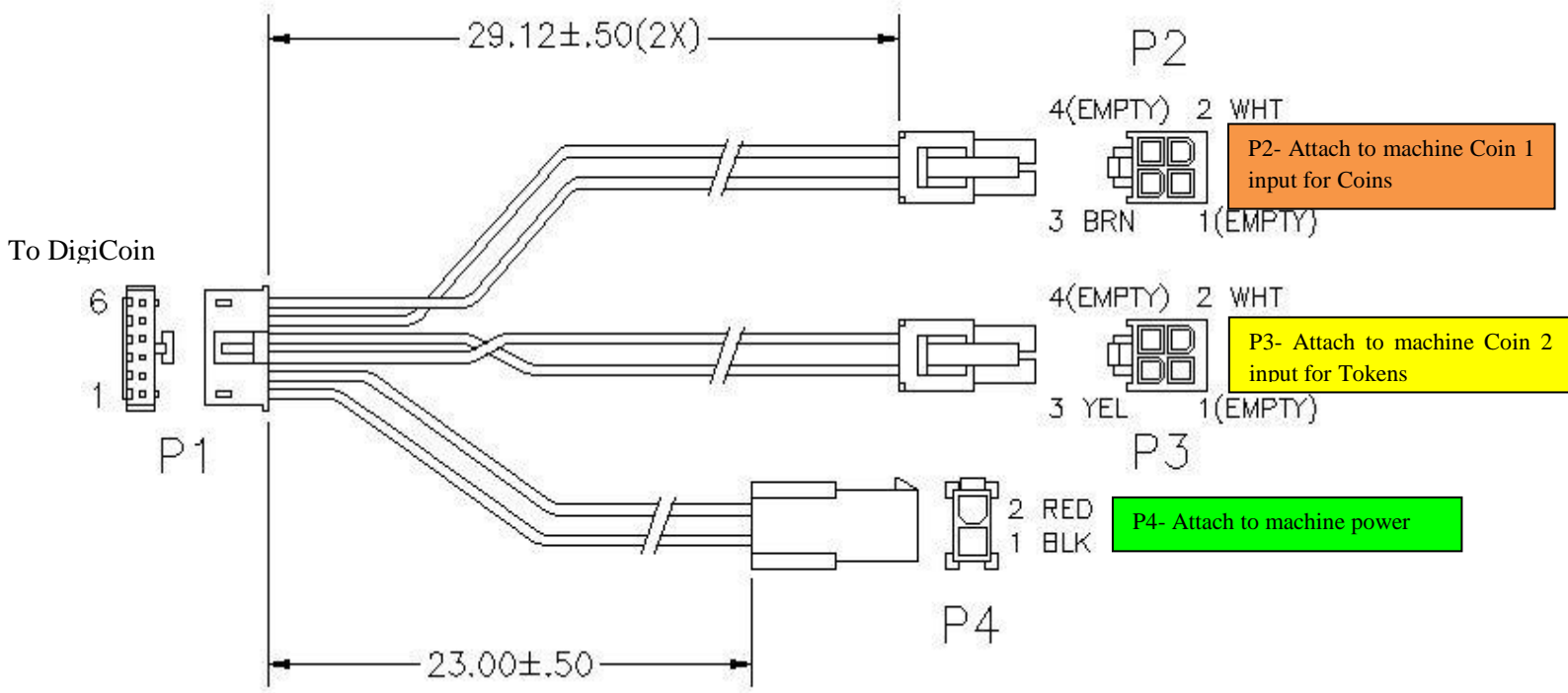
4.3. Wire Connections

Note: When testing DigiCoin installation; if coins are accepted into the coin box and NOT registered by the machine, try changing the position of the "A" "B" switch.

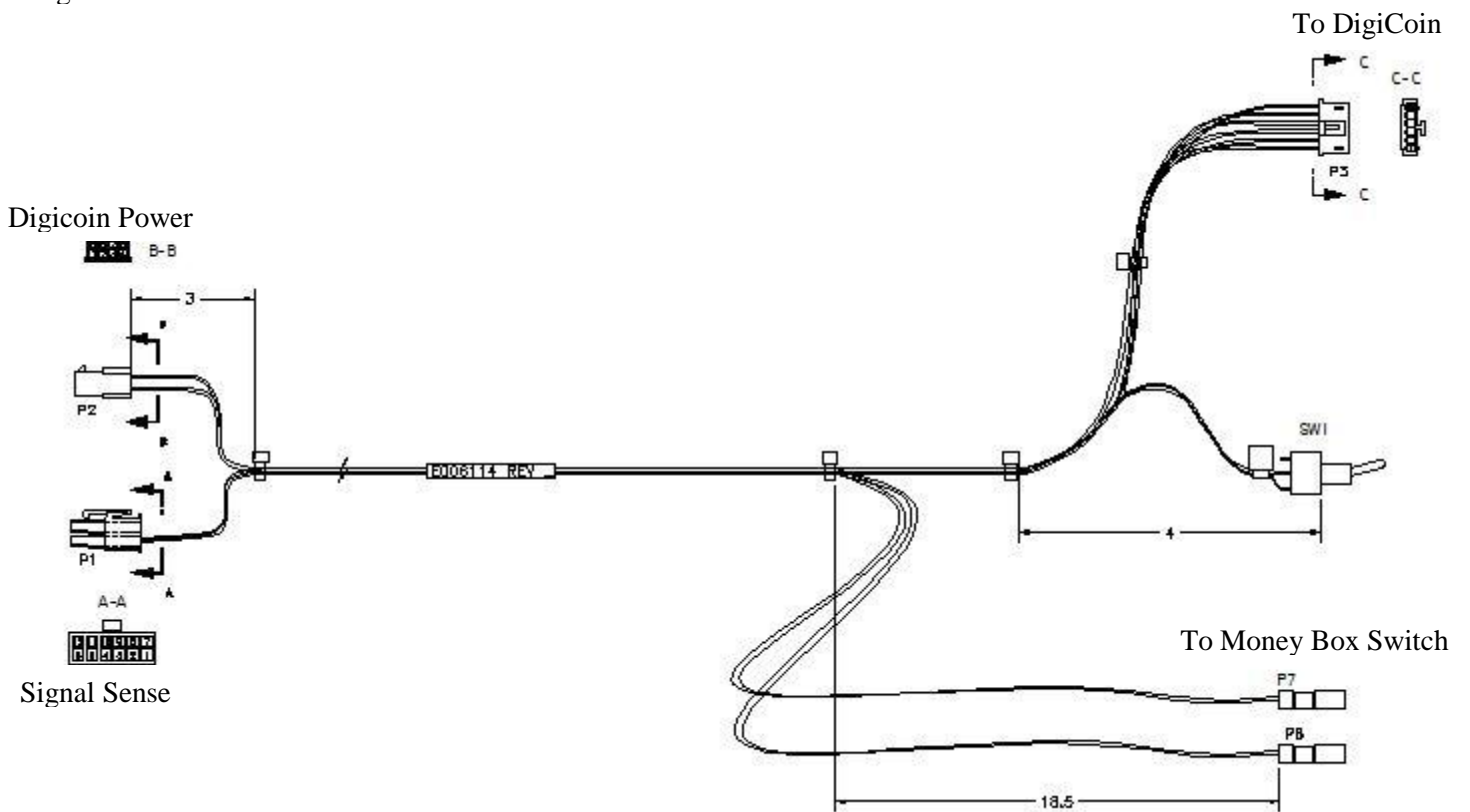
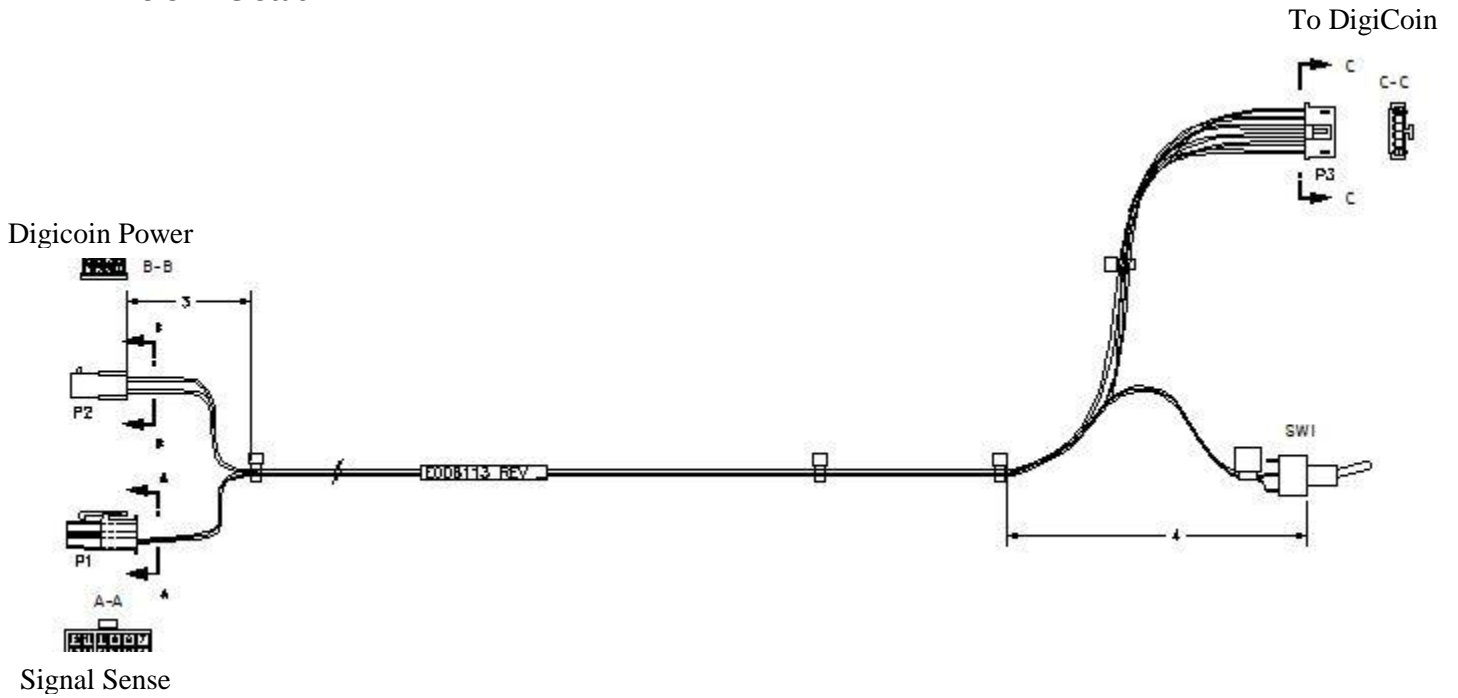
4.3.1. Alliance



4.3.2. Maytag



4.3.3. LG Stack



5. Field Training Switch

The DigiCoin field training switch and button are located on the rear of the unit; on DigiCoin stack models the training switch and button are located on the top of the unit.

For normal run operation this switch should be in the down or run position. In this position, the red light will be steady.

If you move the switch to the up or set position, and depress the adjacent button, DigiCoin will be in field training mode. At this point, the red light will be flashing.

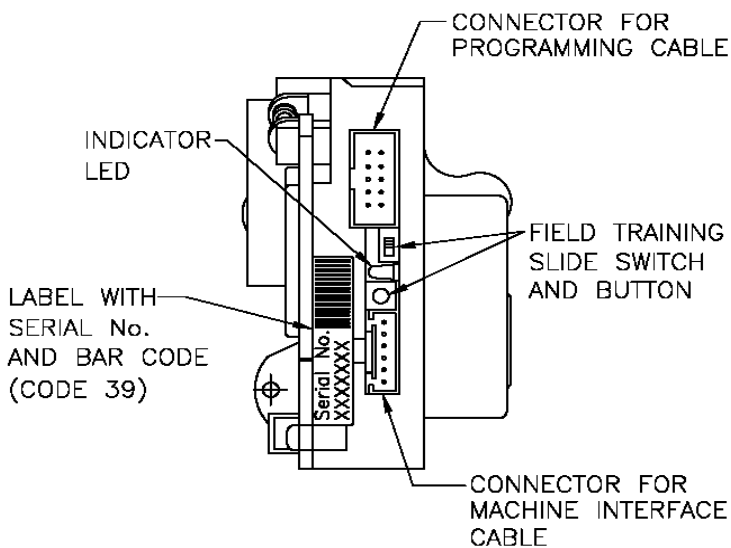
If you want to train DigiCoin for a new coin or token, you will then insert the new coin/token 12 times. After the unit is trained for that new coin, the unit will “click” once.

If you wish to train another coin, insert the next token 12 times. When the unit is trained for the second coin it will “click” twice.

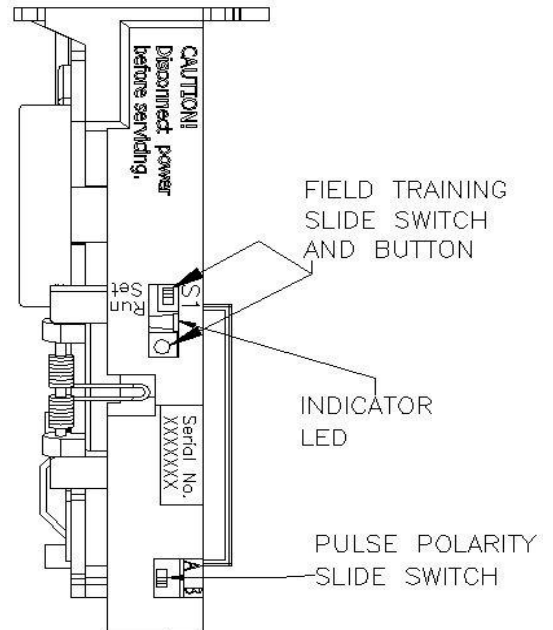
Repeat the procedure for the third coin if desired. Confirmation of a successful programming will be three clicks.

When finished field training, move the switch into the down or run position. The red light should be steady.

Rear: Field Training Switch and Button Model



Top: Field Training Switch and Button Model



Note 1:

If DigiCoin is field trained correctly, coins inserted will fall into the moneybox. Coins returned indicate DigiCoin was not trained, connected or powered correctly.

Note 2:

Field trained coins/tokens always produce 1 pulse when accepted. The single pulse is output on the white/yellow (Coin2 output) wires of the cable. The Coin2 connector can be used in the Coin1 input on machine models that do not have Coin2 input available; for example "LG"

Do not try to field program any coin / token that are already programmed for coin 1.

If you wish to clear the field training, do the following:

- 1) Start with the field training slide switch in the run position (down). The indicator LED should be on with no blinking.
- 2) Push and hold the field training button.
- 3) Slide the field training slide switch up or to the set position. Verify that the indicator led is blinking slowly. In this context slowly means not very fast.
- 4) While still holding the field training button, slide the field training slide switch back to the run position(up)

6. Cleaning

The Laundry environment can create lint dust that affect the performance of DigiCoin so proper maintenance schedule is advised to ensure optimal operating performance. Depending on the frequency of use of the drying equipment, room ventilation, and condition of the exhaust ducts, the need for cleaning the coin track of DigiCoin can vary.

6.1. How to Clean

Remove DigiCoin from the machine or metercase. Press the “Push to Open” and gently lift the panel to expose the coin track. Using a damp cloth, wipe down any component where dust is evident, taking care not to force debris into the 3 small “*in line*” sensor holes in the coin path on the side panel and body.