TITAN

SPEED/BATCH

1) Current product measured for job.
2) Speed of product measured per minute.
3) Accumulating total of product measured.
4) Desired length of job.
5) Reset current and accumulating totals.
   >This feature is pin protected.
6) Reset only current total.
7) Indicates the state of relays 1 & 2.
   >Green = Relay Open.
   >Red = Relay Closed.
8) Switch engineering unit from meters to feet.
   >Changing units will reset your batch total.
9) Returns to home screen.

PRINT MODE

1) Current product measured for job.
2) Desired length of job.
3) Accumulating total of product measured.
4) Reference to appear on printed ticket.
5) Reset current and accumulating totals.
   >This feature is pin protected.
6) Reset only current total.
7) Prints ticket and resets current total.
8) Returns to home screen.
9) Prints ticket without resetting current total.
A) Indicates the state of relays 1 & 2.
   >Green = Relay Open.
   >Red = Relay Closed.

Notes:-

*Dual line displays for speed & batch or target & batch are only available on the TITAN 7 inch model.
The TITAN 4.3 inch screen will give you the choice of speed or batch. If you have opted for a printer you will not be able to display batch or speed.*

*There is a pin code for entering the setup pages as well as for resetting your batch (accumulating total).
By default these are both set to 8888 but can be changed independantly in the settings.*

*Other metric and imperial measuring units are available on request.
For bespoke applications please contact Kempston Controls to discuss your requirements.*

*Current count and target can be displayed to 0, 1, or 2 decimal places.
Batch total will measure up to 99999 with no decimal places.
Speed will always be displayed with two decimal places.*

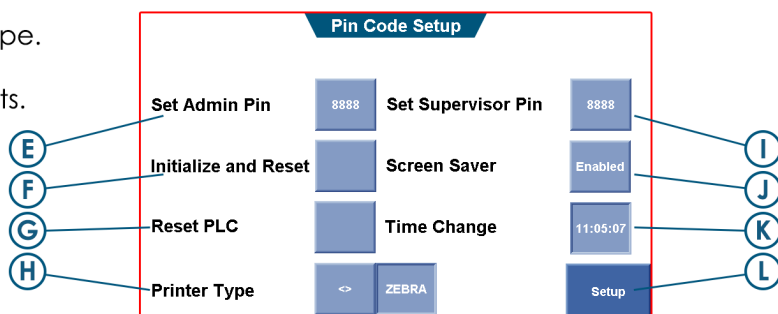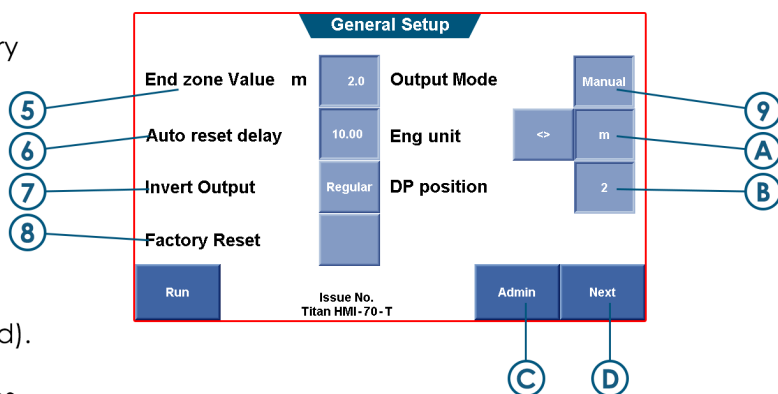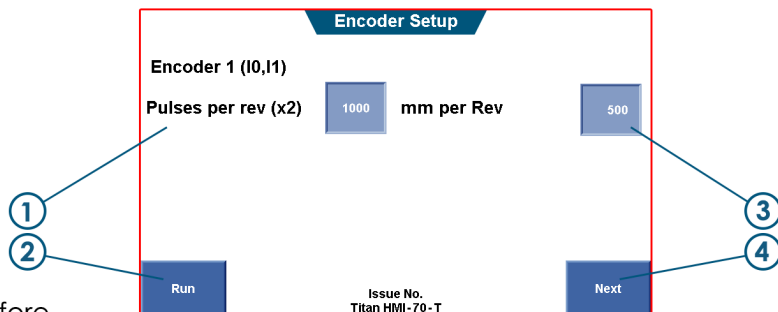*For jobs measuring 10-≤999 we advise two decimal places.
For jobs measuring 1000-≤9999 we advise one decimal place.
For jobs measuring 10000-≤99999 we advise zero decimal places.
If you are measuring outside of these ranges please contact us to discuss other solutions available from our TITAN portfolio.*

DEFAULT PIN CODE - 8888

KEMPSTON CONTROLS

TITAN

INSTALLATION AND OPERATION GUIDE

1) Set the amount of pulses from your encoder.
>This should be multiplied by 2 for quadrature.

2) Takes you to the measuring screen.

3) Set the amount of millimetre that are equal to one turn of your encoder.

4) Takes you to the next page of the setup.

5) Distance before your target at which you want the first relay to trigger.

6) If running in automatic mode, this is the time before the counter will reset to 0 after reaching your target.
>Set to 0.00 to disable the auto reset.

7) By default relay two is normally open, to change state to normally closed until target is reached, invert the output.

8) Factory reset will wipe all figures and return every setting to its default value.
>We recommend you make note of your settings should you need to reset.

9) Set to manual if you are not using the auto reset or automatic if you have a delay.

A) Switch between engineering units using this toggle.

B) Select between 0,1 and 2 decimal places.

C) Enter into the third of parameters (pin protected).

D) Return you to the encoder setup.

E) Change the pin code for accessing setup pages.

F) Prevents any spurious PLC readings.

G) Power down & power up counter.
>This is required if you have changed printer type.

H) Select printer model (if applicable).

I) Change the pin code for performing batch resets.

J) Enable or disable the screen saver.

K) Change internal real-time clock time.

L) Returns you to the general setup.

Encoder Setup

Encoder 1 (I0,I1)

Pulses per rev (x2) `1000`   mm per Rev   `500`

Run   Issue No. Titan HMI-70-T   Next

General Setup

End zone Value m   `2.0`   Output Mode   `Manual`

Auto reset delay   `10.00`   Eng unit   `<>` `m`

Invert Output   `Regular`   DP position   `2`

Factory Reset

Run   Issue No. Titan HMI-70-T   Admin   Next

Pin Code Setup

Set Admin Pin   `8888`   Set Supervisor Pin   `8888`

Initialize and Reset   Screen Saver   `Enabled`

Reset PLC   Time Change   `11:05:07`

Printer Type   `<>` `ZEBRA`   Setup

DEFAULT PIN CODE - 8888

KEMPSTON CONTROLS