

MULTICOUNT

Bake Time Indicator

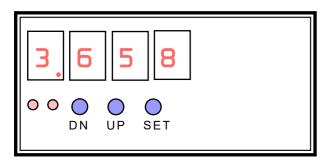
BTD100

A multifunction display unit which can be end user programmed to indicate 1:1 Speed, or adjustable Time intervals. The unit incorporates a 4 digit red LED display with auto decimal point, in a DIN 96x48mm enclosure (panel cut-out size: 92x44mm). Select your **function** from Chart 1 & 2 Select **program** as detailed below 3. Unit can display time in either Min/Sec analogue or Min/Sec Digital (Decimal) ie: 1min 15 sec or 1.25 min.

UNIT/FUNCTION SETTING

Carefully remove (prise off) front bezel to access controls.

Connect as shown in (4)



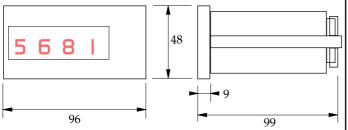
CONNECTIONS +۷ IN 0٧ **OUTPUT** POWER SUPPLY 9 7 8 6 5 2 1 Sensor Connections ypical Synatel Brown Black 믊 ంర ac ac White (Veutral аç 12V 50/60 Hz 09 npn only Note: DO NOT use terminal 4, 5, & 6.

1

FUNCTION FUNCTION VALUE SP01 1= Tachometer 2= Bake Time SP02 Leading Zero Suppression 1= Off 2= On SP03* Scaling Factor. (Bake Time) Input Rate x Display(digital min.) = Scale SP04 Sampling Rate (Normally not required) SP05 Time as Analogue 1 = MM only or 2 = MM:SSSP06 Time as Digital. (set '2' above first) 1 = Decimal or 2= Analogue **EXIT** Exit

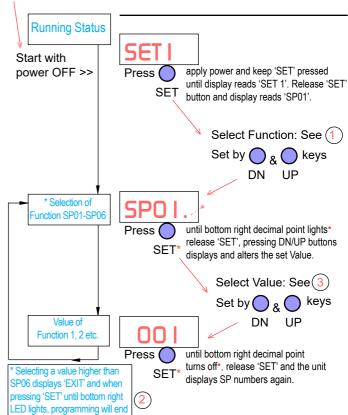
SP03*: If unsure of machine speed, programme as a Tachometer first (SP01 = 1), check speed against a known time period. EG: If 20 pulses =30 sec. 30 sec=.5 min. $20 \times .5 = 10$ scaling factor. If 60 pulses=1m 15 sec. 1m 15 sec=1.25 min. $60 \times 1.25 = 75$ scaling factor etc. (Round up or round down as appropriate).

Dimensions



FUNCTION SETTINGS

To enter programme mode, press & hold 'SET' button whilst applying power, keep the 'SET' button pressed until the display reads 'SET1', release 'SET' button and 'SP01' will be displayed. Do not press 'DN' or 'UP' buttons except where shown. Subsequent press and hold of the 'SET' button will index to the next function. Start as detailed below:



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