

TWS-1400F 96 X 96 X 50 mm

Technical Specification

Model	TWS - 1400F	
Dimension	96 X 96 X 50 mm	
Panel Cutout	92 X 92 mm	
Display	4 digit, 0.56", 7 segment	
Output	1 relay with 2 C/O, 230V AC, 5A	
Supply	110 to 270V AC	
Sensor	Proximity PNP / NPN	
Memory	Power Failure Facility	
Delay ON/Delay off	Selectable	
Over Counting/ Without Over counting	Selectable	
Speed Selection	Selectable	

How to Set the Auto Manual Time

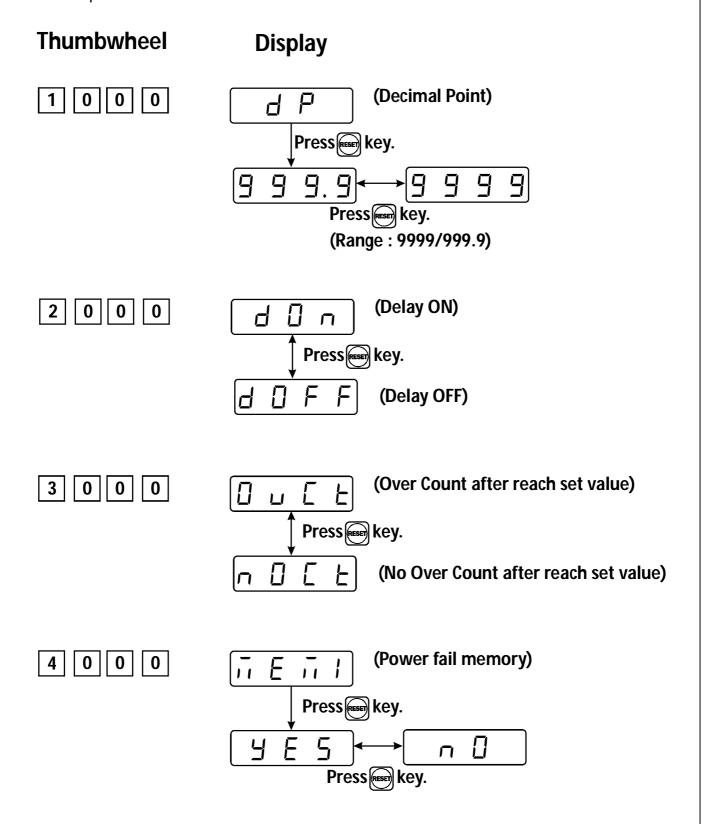
- 1). Reset Key used for reset count and set $\mbox{\sc Auto}$ Reset $\mbox{\sc Time}.$
- 2). Press Reset key for 10 seconds to Enter in set mode. To change the value of Auto Time hold reset key in pressed condition and select value from thumb wheel switch. If you release reset key then it will take that value at the time of releasing key.

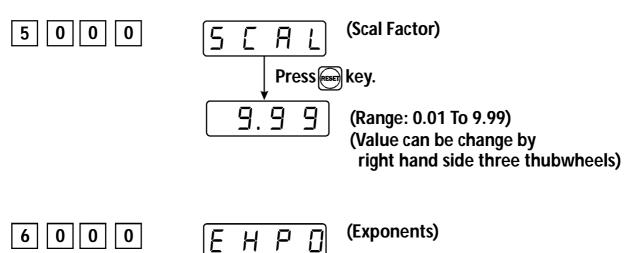
Function	Display	Range
Auto Manual Time	£00.0	00.0-99.9 Sec.

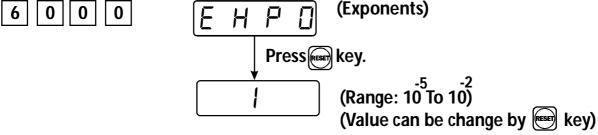
Note:

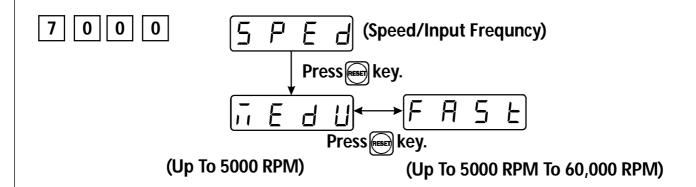
How to Set Delay ON/ instant ON, Memory Yes/No, Over counting/without over counting, Speed High/Low Exponent & Scale Factor

★ Press key Then turn on instrument & follow following Procedure To set all above parameter.









NOTE: Parameter value will Automatacally save if you go for next parameter setting.

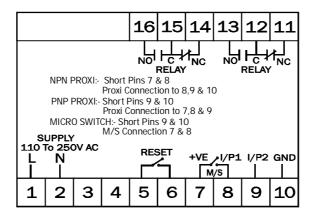
EXAMPLE:

- 1) If diamate of wheel = 10 cm.
- 2) So,circumference of wheel = 3.142857 x 0.1 = 3.142857 x 0.1 meters
- 3) Since the proximity switch gives one pulse per revolution, The display should increment 0.3142857 for every pulse
- 4) Therefor scale factory = $0.31428775=3.142875 \times 10^{-1}$
- 5) So, set scale = 3.14285
- 6) Exponent = 10^{1}

Working

- 1). Count can be set by Thumb Wheel Switch.
- 2). If yor set TIME=00.0 SECOND then it will be in MANUAL MODE and if you set TIME=0.01 To 99.9 SECONDS then it will be in AUTO RESET MODE.
- 3). At set Count Relay will turn ON and RED LED will turn on right hand side.
- 4). Relay remain on until AUTO RESET TIME is over.
- 5). If you set TIME 00.0 seconds then Relay will remains in on condition until Reset key is pressed.
- 6). To reset the count press key for 2 seconds.

Connection Diagram



Product improvement and upgrade is a constant procedure. So for more updated operating information and support, please contact our Helpline: 079-22770865 or Email at marketing@multispanindia.com