

# 35478-TE

## Variable Frequency/Duty Cycle Generator

Snap-in Variable frequency & Pulse Width Generator module with back lit LCD Display.  
 Simple source of test pulses.  
 4 P B switches used to set the Frequency and Duty Cycle, short press for single unit increase or decrease  
 Long press for rapid increase or decrease  
 Auto save prevents setting loss due to power fail.  
 Power: 3.3 ~ 30V;  
 Frequency range: 1Hz ~ 150KHz; auto switching  
 A: 1-999Hz Resolution 1Hz (Display 123) no decimal)  
 B: 1KHz-9.99KHz Resolution 10Hz ( Display 1.23)  
 C: 10KHz-99.9KHz Resolution 100Hz (Display 12.3)  
 D: 100KHz~~150KHz Resolution 1KHz (Display 1.2.3)  
 Duty Cycle ~0-99%  
 Accuracy: ~ 2%;  
 Max Output Current: <30ma;  
 Output Voltage: ~Vcc  
 Ambient temperature: -20 ~ +50 "C"  
 Connections: Terminal Strip  
 Cutout: 74mm X 40mm  
**W: 80mm H: 43mm D: 27mm WT: .08**



### OPERATION

The 4 Pushbutton switches are used to set the Frequency and Duty Cycle, Short press for a single unit increase or decrease  
 Long press for rapid increase or decrease

### DISPLAY

Frequency: Note the position of the Decimal Point

1-999Hz	Display Shows <b>123</b> (no decimal Pt.)	Resolution 1Hz
1KHz-9.99KHz	Display Shows <b>1.23</b>	Resolution 10Hz
10KHz-99.9KHz	Display Shows <b>12.3</b>	Resolution 100Hz
100KHz~~150KHz	Display Shows <b>1.2.3</b>	Resolution 1KHz

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