

# Panel Mount Counters

## DT-6CG

### *Features bi-directional counting capability*

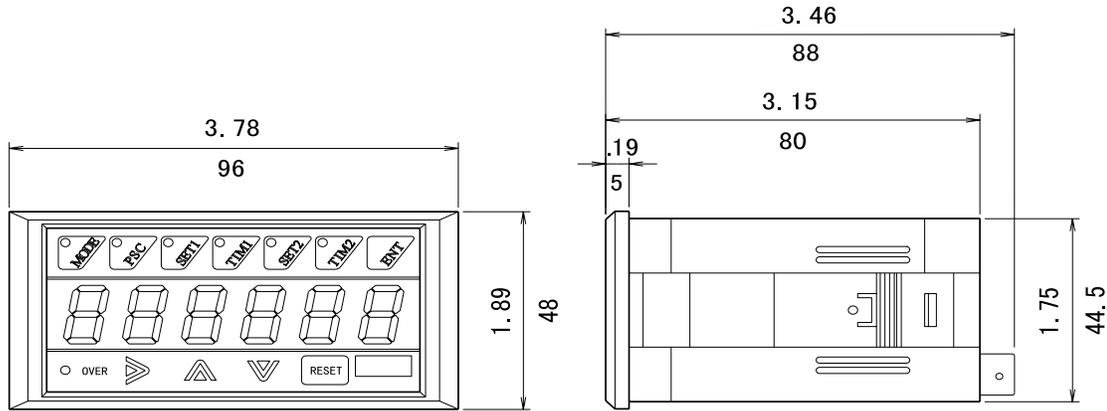
Our DT-6CG counter is fully programmable, bi-directional and features an automatic multiplier, allowing the unit to count up or down. This model can be used as a "batch" counter/controller to count and display groups of articles such as cartons, cans, bottles etc.

The DT-6CG also accepts various modules to perform different functions, such as communicating with a PC or preset "set points" during the counting process.



| <b>Features</b>                                       | <b>Benefits</b>   |
|---|---|
| <b>Bi-directional and batch counting capability</b>   | No need for multiple counters, one does it all                              |
| <b>High counting range (-1,999,999 to +1,999,999)</b> | Essential for counting many small parts                                     |
| <b>Fully scalable</b>                                 | Connects ppv to linear units  |
| <b>Provides DC voltage to power various sensors</b>   | Eliminates need for separate power supply                                   |
| <b>High input frequency signal capability</b>         | Covers a variety of high speed counting applications                        |
| <b>Accepts a wide range of input voltage</b>          | Eliminates the need in stocking dual units and/or changing transformers     |
| <b>Large 6 digit LED display</b>                      | Counting process can be viewed easily from a distant point                  |
| <b>Selectable decimal point</b>                       | Provides very high resolution, up to 1000 <sup>th</sup> of a digit          |
| <b>Memory backup through a ten year EEPROM</b>        | Saves time during a power failure (important setups are retained in memory) |
| <b>Auto or manual reset</b>                           | Provides freedom of choice; no need for the operator to stand by            |

# Panel Mount Counters



Information on DT-6CG compatible **MODULES** can be found on page 36.



Information on DT-6CG compatible **SENSORS** can be found on pages 38-39.

## SPECIFICATIONS

| Model                        | DT-6CG   |
|------------------------------|--|
| Counter Type                 | Bi-directional, batch                                |
| Display Range                | -999,999 - +999,999                                  |
| Measuring Range              | -1,999,999 - +1,999,999                              |
| Resolution                   | 0, 0.0, 0.00, 0.000 (selectable)                     |
| Display                      | 6 digit, LED, 0.56" high (14.2 mm)                   |
| Input Frequency              | 10 kHz max (square wave), 20 Hz (switching contacts) |
| Input Signal Characteristics | Square wave or switching contacts                    |
| Input Signal Amplitude       | HI : 4.5 - 30 VDC, LO : 0.4 - 1 VDC, (10 mA, sink)   |
| Sensor Power Supply          | 12 VDC (100mA max.)                                  |
| Voltage Requirement          | 85 - 264 VAC, 50/60 Hz                               |
| Power Consumption            | 2 W (5 W when optional modules are used)             |
| Ambient Temperature          | 32° - 113° F (0 - 45° C)                             |
| Weight                       | 0.55 lb (250 g)                                      |
| Dimensions                   | 3.46" L x 3.78" W x 1.89" H (88 mm x 96 mm x 48 mm)  |
| Warranty                     | 1 year   |
| OPTIONAL ACCESSORIES         | Sensors, modules                                     |