

# Panel Mount Counters

## DT-6CG

### *Features bi-directional counting capability*

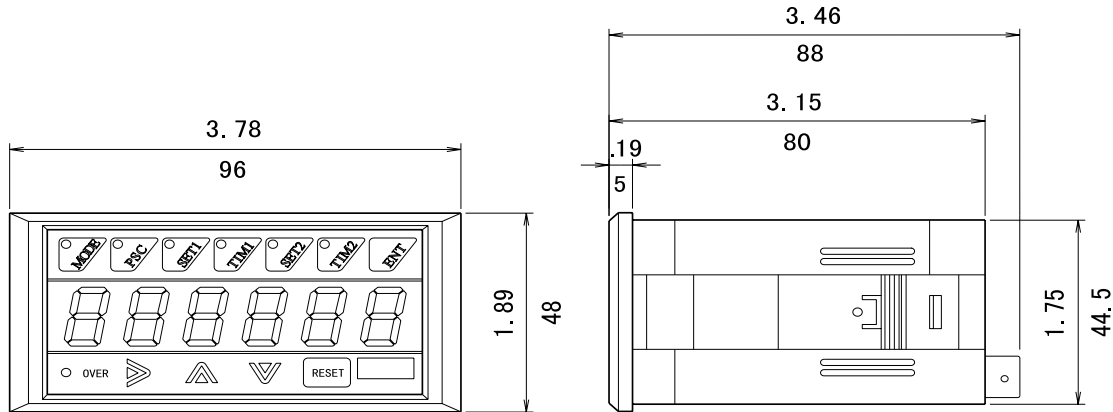
Our DT-6CG counter is fully programmable, bi-directional and features an automatic multiplier, allowing the unit to count up or down. This model can be used as a "batch" counter/controller to count and display groups of articles such as cartons, cans, bottles etc.

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

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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