

### DT-601CG Panel Mount Counter

**The Series DT-601CG 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. as well as allow adjustment factor for linear units totalization.

The DT-601CG comes standard with NPN input for connection with compatible NPN sensors. The DT-601CG provides power output to the sensors, eliminating the need for a separate power supply. NPN and photo relay alarm outputs are also standard.



## Features

- *Bi-directional and batch counting capability eliminates need for multiple counters. One unit does it all.*
- *Expansive counting range (-999,999 to +999,999) enables usage in a variety of applications, ideal for fast moving part counting*
- *Fully scalable. Can convert process values to linear units*
- *Provides DC voltage to power various sensors; reduces cost by eliminating separate power supply*
- *Accepts a wide range of input voltages; eliminates need to stock dual units and/or additional transformers*
- *Counting process can be viewed easily from a distance with the large 6 digit LED display*
- *Selectable decimal point provides very high resolution, up to 1000th of a digit*
- *Memory backup saves time during a power failure (important setups are retained in memory)*
- *Auto or manual reset allows user to operate or the control to operate a reset*

## DT-601CG Specifications

<b>Counter Type</b>	Bi-directional, batch
<b>Display Range</b>	-999,999 - +999,999
<b>Resolution</b>	0, 0.0, 0.00, 0.000 (selectable)
<b>Display</b>	6 digit, LED, 0.56" high (14.2 mm)
<b>Input</b>	NPN open collector pulse input
<b>Output</b>	2 NPN outputs, 2 photo MOS relay outputs
<b>Input Signal Characteristics</b>	10 milliamp minimum or dry contact
<b>Sensor Power Supply</b>	12 VDC (100mA max.)
<b>Power Requirement</b>	85 - 264 VAC, 50/60 Hz
<b>Power Consumption</b>	2 W
<b>Ambient Temperature</b>	32-113°F ( 0-45°C )
<b>Product Weight</b>	0.55 lb (250 g)
<b>Package Weight</b>	1.05 lb (476 g)
<b>Dimensions</b>	3.46 x 3.78" x 1.89" (88 x 96 x 48 mm)
<b>Warranty</b>	2-Year
<b>Included Accessories</b>	Mounting brackets (attached to unit), rubber gasket, sticker sheet with units of measure

## Ordering Details

<b>DT-601CG</b>	Panel Mount Counter Display with NPN input, alarm NPN/relay outputs, 100-240 VAC Power
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## Accessories

<b>Proximity Sensors</b>	<b>BI2-S12</b>	NPN (NO) sinking output 1.5 kHz frequency, LED indication, 6.5' (2 m) cable, 0.08" (2 mm) sensing distance, NEMA 6 (IP67) rating
	<b>MCS-3109</b>	NPN (NO,NC) output, 300 Hz frequency, 0.32" (8 mm) sensing distance, 6.5' (2 m) cable, NEMA 6 (IP67) rating, for use in high vibration areas
<b>Retro-Reflective Photo Sensors</b>	<b>MCS-625</b>	Photo sensor with NPN sinking output, 250 Hz activating frequency, 10' (3 m) cable 1" to 3' (25 to 914 mm) operating range
	<b>MCS-655</b>	Photo sensor with NPN sinking output, 333 Hz activating frequency, LED status, 10' (3 m) cable, NEMA 4 (IP65), 1" to 3' (25 to 914 mm) operating range for light or dark activation.
	<b>LS-S50MLR</b>	Laser sensor with NPN/PNP (NO,NC) outputs, 1.5 kHz frequency, LED indication, 6' (1.8 m) with quick disconnect connection, NEMA 6 (IP67) rating

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