

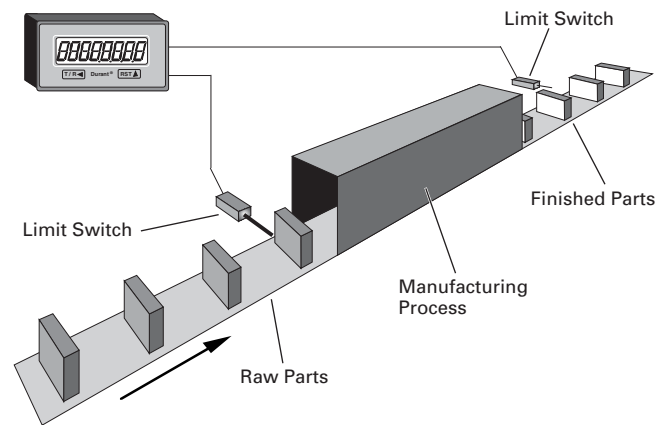
Product Family Overview

Introduction

Totalizers are used in a wide variety of applications where accurate totals are needed. Typical applications include counting the number of parts produced, amount of material used, or the number of machine cycles occurring. Totalizers are the simplest and most common type of counter. As an added bonus, some models can perform both totalizing and ratemeter functions.

Application Example










Parts are fed into a machine or process, an operation is performed, and the finished parts exit the machine or process. The subtract totalizer is used to indicate the number of parts in process.



Application Example

Totalizer Product Family Overview

Table 1. Product Family Overview

Product Family	Characteristics	Typical Applications	Panel Cutout in Inches (mm)	Page Number
 <i>E5-024-C</i>	<ul style="list-style-type: none"> Non-replaceable battery (min. 8-yr. life) Compact, low cost and high efficiency 8-Digit LCD totalizers Manual or electrical reset Various counting modes/inputs 	<ul style="list-style-type: none"> Replacement for mechanical counters Transaction counting Parts counting Position indication or measurement 	0.870 x 1.772 (22 x 44)	22
 <i>E5-24-E</i>	<ul style="list-style-type: none"> Compact device with bright, LED display Multiple functions available: count, time, rate, multifunction, double-function 24V DC Power 	<ul style="list-style-type: none"> Count, measure, time where small package and easy-to-read display required Position display Motor/pulley RPM 	0.870 x 1.772 (22 x 44)	24
 <i>E5-496-E</i>	<ul style="list-style-type: none"> Economical, multifunction display Large, LED characters AC or DC power options 	<ul style="list-style-type: none"> Large, easy-to-read display Position display Motor/pulley RPM 	1.772 x 1.622 (45 x 92)	27
 <i>Courier</i>	<ul style="list-style-type: none"> Replaceable lithium battery 8-digit, high-visibility LCD display Optional backlighting Various input options available 	<ul style="list-style-type: none"> Portable/mobile/remote flow monitoring (e.g. sewer pumping, pesticide application) Position display, RPM Length measurement (e.g. carpet, cable) 	1.299 x 2.677 (33 x 68)	25
 <i>Eclipse</i>	<ul style="list-style-type: none"> 6-digit, super bright LED display Multiple models available: totalizers, ratemeters, count controls, digital panel meters and flow controls 	<ul style="list-style-type: none"> Length measurement and control Flow monitoring and control Process monitoring and display Voltage and current monitoring and display 	1.772 x 1.622 (45 x 92)	28
 <i>Ambassador</i>	<ul style="list-style-type: none"> 8-digit, high-visibility, 2-line LCD display User-configurable control inputs Highly flexible control/display 	<ul style="list-style-type: none"> Flow control where simultaneous total and rate display are required Cut-to-length and other simple processes where flexibility of inputs/outputs required 	2.667 x 2.667 (68 x 68)	34
 <i>President</i>	<ul style="list-style-type: none"> Bright LED display w/14 mm characters Simple configuration with 14-button tactile keypad Many different versions fit almost any application 	<ul style="list-style-type: none"> Cut-to-length machinery with batching Parts batching/palletizing Die press positioning control Applications where parameter changes are required 	2.667 x 5.433 (68 x 138)	30
 <i>Electromechanical</i>	<ul style="list-style-type: none"> Various price, voltage and size ranges for different duty cycles and environments Long life and always readable display 	<ul style="list-style-type: none"> Coin-operated equipment Gaming machines Printing presses Secondary machines (e.g. punch press) 	Various Mounting Configurations	16
 <i>Mechanical</i>	<ul style="list-style-type: none"> Various size ranges for different duty cycles and environments No power supply needed Long life and always readable display 	<ul style="list-style-type: none"> Winding and spooling equipment Position display Mechanical piece/cycle counting 	Various Mounting Configurations	3

Communications

- Interface Type: Dual port 20 MA current loop
- Speed: 110, 300 and 1200 Baud, user selectable
- Data Type: Standard ASCII code
- Format: Start bit, 7 ASCII data bits, Parity bit, one or two Stop bits (Even parity for Serial Data Output, no parity for Serial Data Input)
- Information Transmitted —
 - Count value
 - Offset value
- Information Received —
 - Print request
 - Offset value
 - Print offset enable or disable

Product Selection

Table 34. Product Selection — President Series Totalizers

Description	Catalog Number	*
115V AC, 7-digit LED Red Display, Basic Pulse Count	57810400	
115/230V AC, LED Red Display	58810400	
Feet/Inches Totalizer	57810402	

Dimensions

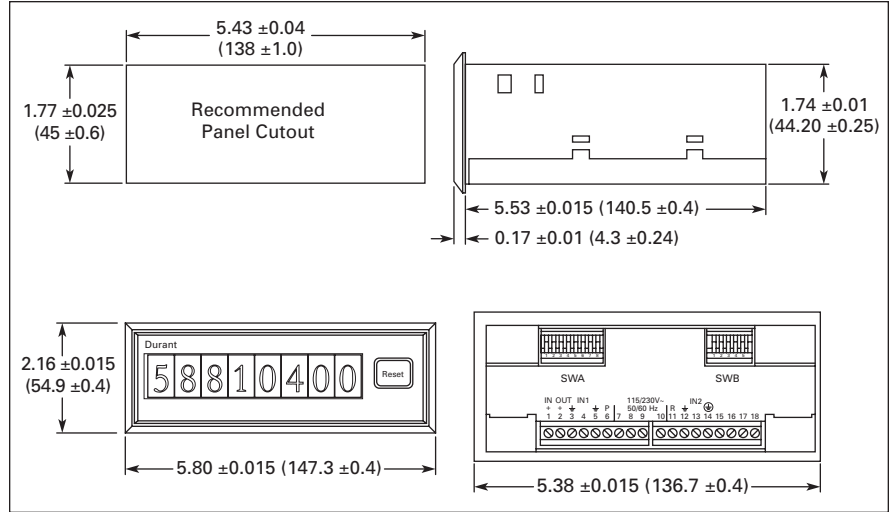


Figure 43. President Series Totalizers — Approximate Dimensions in Inches (mm)