

# C628 Totalizer

The Veeder-Root C628 Totalizer is a member of 1/8 DIN instruments which offer breakthrough display technology as well as easy-to-program user setup. Its large LED display features the ability to change color based on process status such as exceeding the count preset. Therefore, when monitoring item or piece counting, length measurement, or other critical values, the C628 provides operators with instant visual alert to changes in the application's status.

The bidirectional C628 totalizer provides count/direction operation and A+B or A-B operation, as well as a phased input from an encoder (quadrature). The front panel is rated NEMA 4X/IEC IP65 for use in washdown or dusty environments.



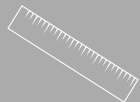
- AWESOME 0.71" high digit LED display (27% larger than other 1/8 DIN units)
- Programmable color change display based on an event
- Programmable help function and secondary legend display
- Choice of NPN or PNP primary input
- Filter speed settable for 20, 200 or 10,000Hz
- Front panel reset enable and preset lockout
- Optional RS-485 plug-in card
- CE approved, UL, CUL recognized



TIME



COUNT



MEASURE

8:43

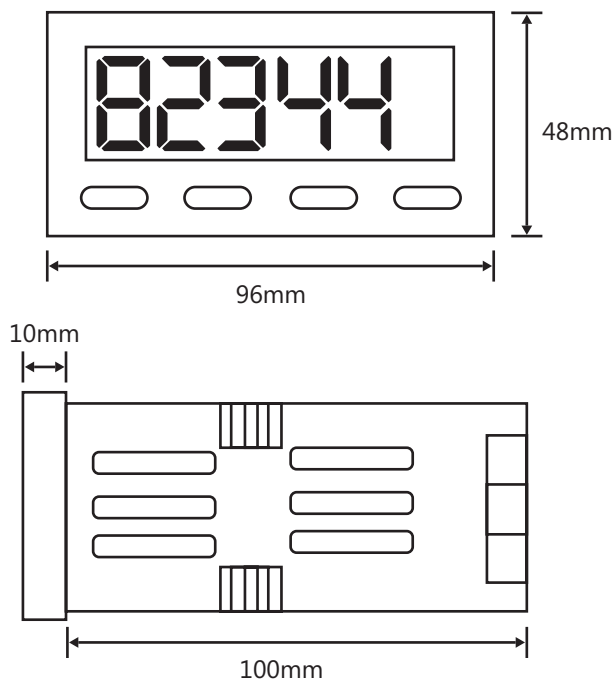
DISPLAY

# C628 Totalizer

## SPECIFICATIONS

COUNT INPUTS	Sinking/Sourcing or Contact Closure Frequency: 10 kHz max. (5 kHz in quadrature mode) Logic Low ≤ 2.0 VDC, Logic High ≥ 3.0, 30V max. Impedance: 10 KΩ to common - Sourcing; 4.7 KΩ to +Voltage - Sinking
CALIBRATOR	Multiplier 0.0001 to 9.9999
CONTROL INPUTS	Sinking, Edge Sensitive Logic Low ≤ 2.0 VDC, Logic High ≥ 3.0 Impedance: 4.7 KΩ to +Voltage Response Time: 25 ms Functions: Input 1 - Remote Reset; Input 2 - Security Lockout
COMMUNICATION	Optional RS-485; Serial asynchronous, UART to UART; Open ASCII: One start bit, even parity seven data bits, one stop bit; Baud Rate selectable from 9600, 4800, 2400, or 1200 Maximum Zones: 99
FILTER SPEED	Settable for 20, 200 or 10,000 Hz
SUPPLY VOLTAGE	90-264 VAC, 50/60 Hz, or 20-50 VAC/VDC; 4 Watts
ACCESSORY POWER SUPPLY	9-15 (unregulated VDC), 125 mA max.
DISPLAY	Red/Green, 7 segment LED Primary display: 5 digits, 0.71" (18mm) height Secondary display: single digit, 0.3" (7mm) height
DIMENSIONS	48mm x 96mm, 110mm deep
MOUNTING	Panel mount (mounting bracket supplied), 45mm x 92mm cutout
CONNECTIONS	Screw type terminals - combination head
FRONT PANEL RATING	NEMA 4X/IEC IP65
CASE MATERIAL	GE Lexan 940
WEIGHT	0.56 lbs.
OPERATING TEMPERATURE	0° to 55° Celsius, 32° to 131° Fahrenheit
STORAGE TEMPERATURE	-20° to 80° Celsius, -4° to 176° Fahrenheit
RELATIVE HUMIDITY	20% to 95% non-condensing
APPROVALS	CE; UL, CUL recognized

## DIMENSIONS



Panel Cutout: 45mm x 92mm (1.77: x 3.62")

## ORDERING INFORMATION

**C628 - 1 0 0 X X**

**Serial Communication Option**

- 0 - None
- 5 - RS-485

**Power Supply**

- 0 - 90-264 VAC
- 2 - 20-50 VAC/VDC