



**Powerful, full-featured
totalizer with large,
blazing bright display...
alerts by changing color**

**All in the family - Matching C628 series
products in other sections of this catalog:**

C628 Counters & Position Indicators:	Section 2
C628 Rate Meters:	Section 4
C628 Elapsed Timers:	Section 5



The Veeder-Root brand C628 Totalizer is a member of a family 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 an instant visual alert to changes in the application's status.

- 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 10,000 Hz
- Front panel reset enable and preset lockout
- Optional RS-485 plug in card
- CE approved, UL, CUL recognized

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.

SPECIFICATIONS

Count Inputs: Sinking/Sourcing or Contact Closure

Frequency: 10 kHz max. (5 kHz in quadrature mode)

Logic Low $\leq$ 2.0 VDC, Logic High $\geq$ 3.0, 30V max.

Impedance: 10 K Ω to common - Sourcing; 4.7 K Ω to +Voltage - Sinking

Calibrator: Multiplier 0.0001 to 9.9999

Control Inputs: Sinking, Edge Sensitive

Logic Low $\leq$ 2.0 VDC, Logic High $\geq$ 3.0

Impedance: 4.7 K Ω to +Voltage

Response Time: 25 ms

Functions: Input 1 - Remote Reset; Input 2 - Security Lockout

Communication: 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

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.

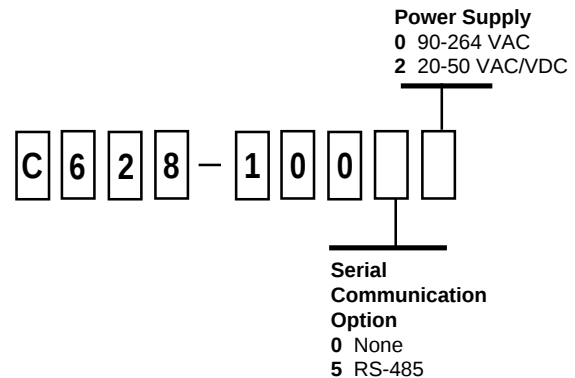
Operating Temp.: 0° to 55° Celsius, 32° to 131° Fahrenheit

Storage Temp.: -20° to 80° Celsius, -4° to 176° Fahrenheit

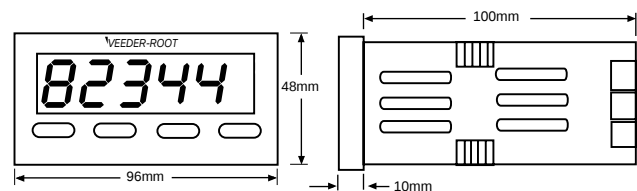
Relative Humidity: 20% to 95% non-condensing

Approvals: CE; UL, CUL recognized

Ordering Information:



Dimensions:



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