

C628 Preset & Batch Counter

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

Single (C628-7XXX) and dual (C628-8XXX) preset models are available with programmable latched or timed output operation. A batch model (C628-9XXX) also has a preset tied to output 1 as well as a batch preset tied to output 2. This model displays count, batch value, and background total.



- AWESOME 0.71" high digit LED display (27% larger than other 1/8 DIN units)
- Programmable color change display based on an event
- Batch units - Independent display of background total
- Programmable help function and secondary legend display
- Dual preset units - Preset 1 programmable as absolute value or prewarn which tracks Preset 2
- Choice of NPN or PNP primary input
- Filter speed settable for 20, 200, or 10,000 Hz
- Standard Outputs: 1 NPN transistor (2 NPN transistors on Dual & Batch units) & 1 relay (optional 2nd relay on Dual & Batch units)
- Front panel reset enable and preset lockout
- Optional RS-485 plug in card
- CE approved, UL, CUL recognized



TIME



COUNT



MEASURE

8:43

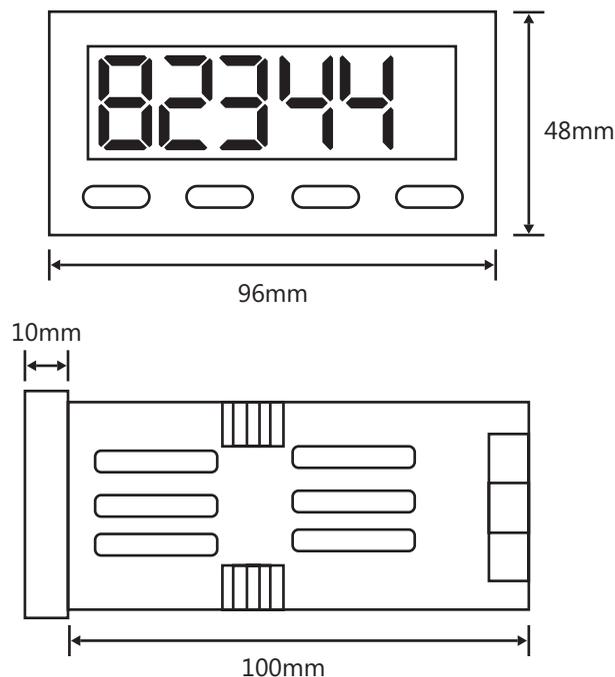
DISPLAY

C628 Preset & Batch Counter

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
OUTPUTS	Solid State: NPN open collector, 30 VDC max., 100 mA max. Relay: SPDT, 2 amp resistive @ 110 VAC Latency: 75 seconds, plus 8 ms for relay pull-in
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

