

$\frac{V}{R}$  VEEDER-ROOT



# VersaCount™ XP

*When Versatility Counts*

Timing • Counting • Rate Measurement • Position Indication • Speed Control  
Length Cutting • Batch Counting • Shift Counting • Piece Counting • Volume Measurement

# VersaCount™ XP

## Gets YOU in Production Fast & Puts YOU in Control

### **FAST & ACCURATE**

Whatever your application, you need a counter that will not slow you down. And at speeds up to 60 KHz, the VersaCount has the highest count frequency in the industry. Combine that with the prescaler accuracy to one ten thousandth, and you have unparalleled precision.

### **FAST INSTALLATION**

The VersaCount will not slow you down on installation either. The plug in terminals and standard 1/16 DIN Size make installation into your panel quick and easy. Installation can be completed in 3 minutes – so you are back in operation FAST.

### **FAST PROGRAMMING**

With the VersaCount, programming has never been easier! The VersaCount comes with easy to understand Programming Assistance software. Just develop your program on your PC, and then upload it to the VersaCount. You can upload using an Ethernet connection. Or, you can even store your program on a USB flash drive and insert it into the back of the unit for quick upload. So you are sure the exact same program is uploaded to each production line. No more operator entry errors! Save your program for future use or modifications – no need to start over to make a change. Need more help? Email us your program for review and debugging. We will get you up and running fast.

### **PRESETS & FUNCTIONALITY**

With three presets, the VersaCount gives you the precise control you need for all your applications. One absolute or trail preset and two relay output and signal, allow you to precisely control your process. In addition, the VersaCount comes with a Range Signal Counter, Range Signal Tachometer and a Range Signal Timer, for increased functionality. It is one of the few counters on the market with a batch preset. It can even be programmed with a negative preset to allow you to subtract rejected items from the final count.

### **EASY TO READ**

VersaCount is easy to read, with the largest display numbers in the industry. And with two display lines, you can monitor two outputs at the same time – without flipping through settings.

### **APPLICATIONS**

With the versatility of the VersaCount, just about any process can be monitored and controlled. Whether it is length measurement for the textile, metal or paper industries, position monitoring for metal fabrication or electronics, batch counting for product packaging, volume measurement for the beverage industry, shift monitoring for production lines, or range signaling for parking garages. Any process requiring timing, measuring or counting.



800.390.6405 or 910.862.2511

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# Applications

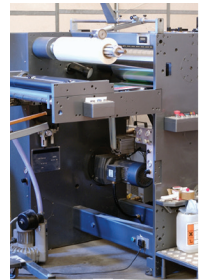


## Range Signals

The range signal function sends an output when a count falls outside or within a preset low and high limit range. Applications that rely on this functionality require the VersaCount to track a cumulative count (including subtractions) which then sends a signal when the total falls outside the preset range. Parking garages use this feature to monitor cars entering and exiting, changing the indicator sign from OPEN to FULL, based upon the cumulative count.

## Length Measurement

Length measuring systems are used to measure lengths of paper, textile fabrics, or metals. The counter totalizes pulses sent by an encoder connected to a measuring wheel, or directly coupled to the drum on which the material is running.



## Position Indication

The position indicator function allows exact positioning of work pieces and tools on machining systems, e.g. sawing or milling machines and bending or edging machines. After placing the work piece or material in a starting position, an encoder located on the spindle or drum of the machine relays the movement data to the counter. Depending on the number of counter presets, a defined number of paths can be entered.

## Multifunction Batch Counting

The latch/reset function allows counting parts per unit in the background mode with the indicator also indicating the previous unit value.

## Shift Counting

The counter can be set to display the value of the previous shifts product, while also displaying the count of the current shift.



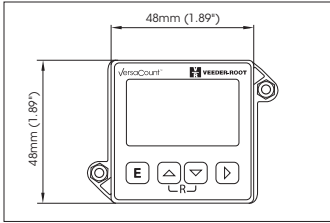
## Piece Counting

Piece counting is necessary in applications like bottling operations, where pulses are usually transmitted from a beverage production sensor to the counter.

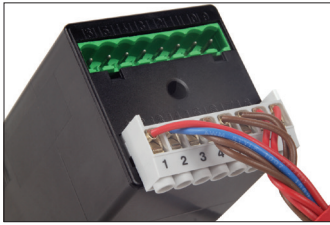


## Volume Measurement

Traditionally, a flow meter measures the volume flowing through a tube or pipe and, after reaching a predefined value, sends a signal to the counter. The counter is capable of converting the received data into the flow rate – a method which is particularly important if a high degree of accuracy is required.



Versatile All-in-one 1/16 DIN size multi-function device



Fast installation and replacement with plug in terminals



View two separate outputs at the same time with large 2-line, easy to read display



Simple to operate with four large buttons



Easy to program - draft, save and print application programs using the Programming Assistant on a PC. (VersaCount XP models can be programmed via USB or Ethernet connection)

### What YOU Need – When YOU Need It

Our team of engineers and sales representatives will assist you every step of the way to be sure you get what you need. Whether it is a pricing quote, expedited delivery, technical support or application assistance, we are here to serve YOU!

### Reliable and Responsive

VersaCount is an innovative product of Veeder-Root, a supplier of mechanical, electromechanical and electronic timers and counters for over 120 years. Veeder-Root is a part of Specialty Product Technologies, a global leader servicing a large percentage of the world wide timer and counter market.

### Highest Quality – ISO 9001-2008 Certified

The VersaCount Series, like all Veeder-Root products, is manufactured and tested to the highest quality standards, making them the most reliable on the market. Our commitment to ISO-9001 means you, our customer, get world class products and customer service.

**800.390.6405 or 910.862.2511**

**vr-versacount.com**

