



VersaCount™

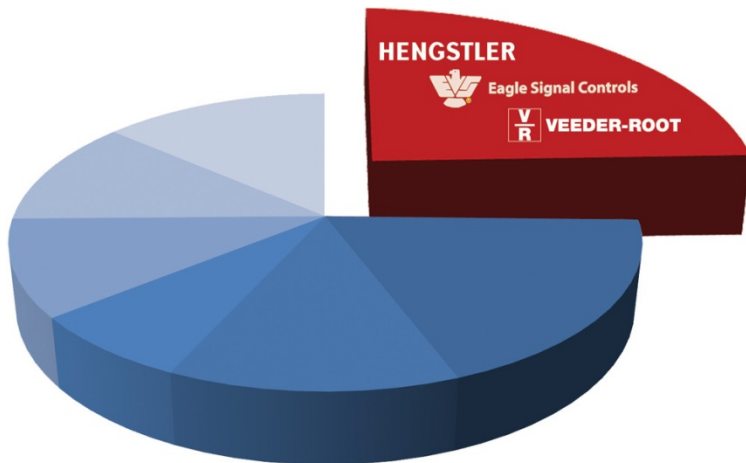
When Versatility Counts.



Introducing the
VersaCount™ 772



VEEDER-ROOT



Danaher is the world leader in Timers and Counters marketing under three brand names

- Veeder-Root
- Eagle-Signal
- Hengstler



V R VEEDER-ROOT

Family of Timers and Counters



C346 - The Classic Multifunction Preset Counter



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C342 Ultra-Compact Totalizer



AWESOME C628



NEW MAX Count Advanced



V4545 Pre-determining Counter



SQUIRE Preset Counter



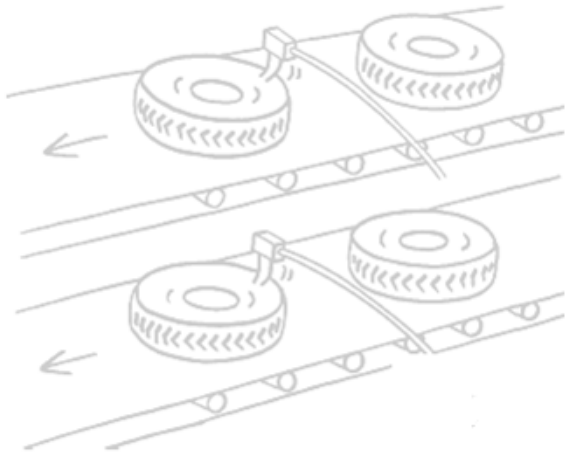
A103 Big Figures & Small Installation Depth



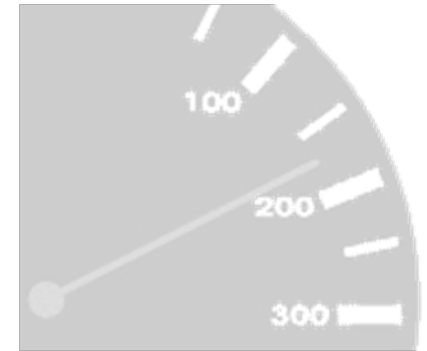
7999 Micro-Mite
Applicable for onboard mounting

Standard Functions

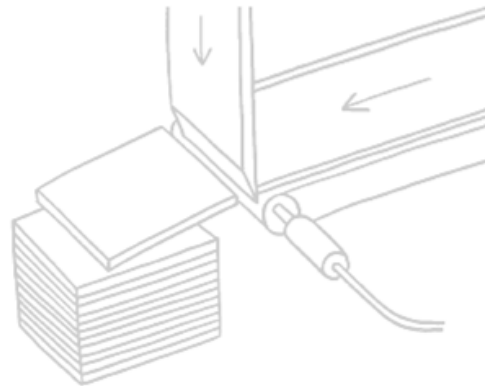
Shift counter



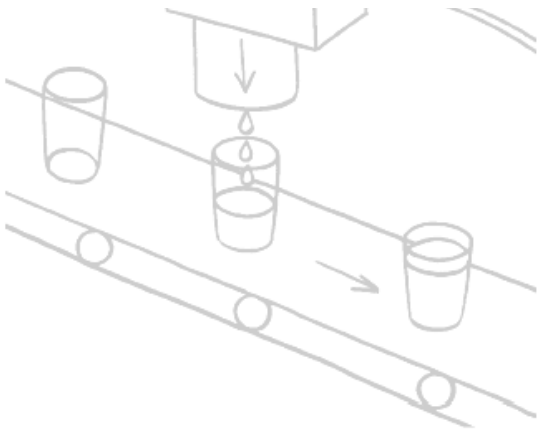
Tach/Rate Meter



Batch counter



Preset counter



Time counter



•Highlights

- Fast input frequency up to 60 kHz allows for high speed counting and measuring applications
- Up to 3 Presets for precision control.
- Relay hold times programmable up to 10 minutes for a variety of application requirements
- Scale factor adjustable from 0.0001 to 99.9999 for industry leading precision



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Front View



View two separate items at the same time with large 2-line, easy to read display. Multiple prompts



Simple to operate with four large buttons

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Rear View



**Quick installation
through the use
of removeable screw
terminals**

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VersaCount™ Applications

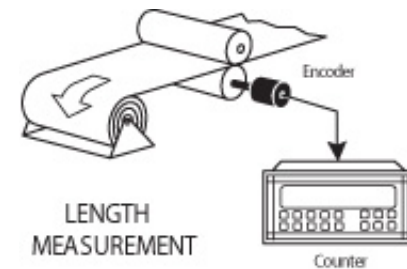
Range Function

Outputs a signal when the count falls inside or outside a predetermined high and low limit range.



Length Measurement

The counter totalizes pulses sent by an encoder connected to a measuring wheel, or directly coupled to the equipment on which the material is running.

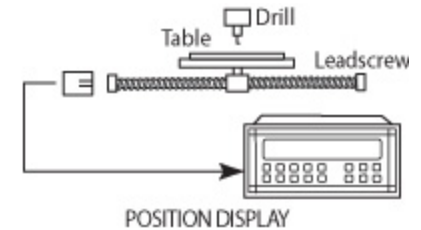


VersaCount™ Applications



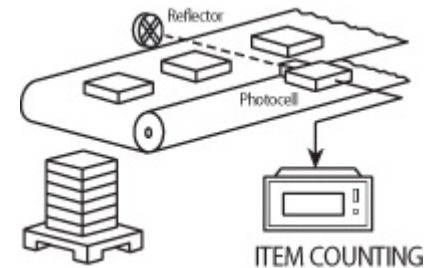
Position Indication

The counter is used to position work pieces exactly on machining systems. An encoder located on the spindle or drum of the machine relays the movement data to the counter.



Piece Counting

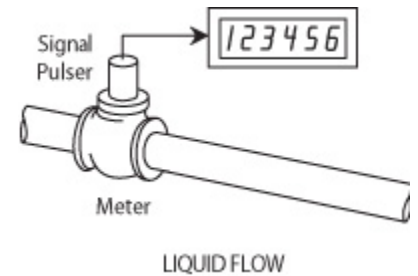
Single-channel counting: this function sums the production count of a production line.



VersaCount™ Applications

Flow measurement

Using a flow meter the counter totalizes the pulses and maintains a count of the total volume of fluid through the meter. It can also calculate and display a flow rate which can be very useful if high accuracy is important.



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.





Coming soon!
The VersaCount™ Back
Lit LCD



Coming soon!
The VersaCount XL™

Main Programming window

Transfer to the counter →

Select standard function →

Set preset and scale factor →

Function codes with number, description and plain text as on the counter →

Function codes values with description and plain text as on the counter →

Function	Tico Display Line 1	Function Name	Tico Display Line 2	Value Description
F0	FCtSEt	Factory Setting (Defaults)	8888 00	No function
F1	COUNT	Counter Mode	C G C F	Counter-Input Gate Reset
F2	QUAd	Edge Evaluation/Quadrature evaluation	8888 01	Single evaluation
F3	INPL	PNP/NPN - Logic	PNP 8	PNP 8 V-Level
F4	INd	Input damping(Attenuation)	50k	50kHz
F5	RS	Set /Reset-Mode	Reset	Reset to 0
F6	RES	Dynamic/static Reset	Static	Static Reset (as long as signal is applied)
F8	PRE	Mode Preset 1	pres	preset 1 normal preset; absolute to the counter reading (coincidence signal)
F9	OUT	Output signal	Active	Active On
F10	SI	Signal time preset 0	0.10	0.10 s
F11	SI	Signal time preset 1	0.10	0.10 s
F12	SI	Signal time preset 2	0.10	0.10 s
F13	dP	Decimal Point	No	No Decimal Point
F14	FLASH	Display flashes	No	No flashing
F15	2	Display in 2nd Row	pres	preset 2

Competitor Overview



tico 0772 - multifunctional counter

Red Lion C48C

Redington 83

Trumeter 7911

Trumeter 7922

pulse counter	X	X	X	X	X
preset counter	X	X	X	X	X
timer	X	-	-	-	-
tachometer	X	-	-	-	-
dimensions (W x H x D) mm	48 x 48 x 118	49,5 x 49,5 x 105,9	49,5 x 49,5 x 106	48 x 48 x 83	48 x 48 x 93
front panel cut out	45 x 45	45 x 45	45 x 45	45 x 45	45 x 45
display	LCD 6 digit 9,3mm / 2. line 7,2mm	LCD 6 digit 7,6 mm red normal value 6-digit 5 mm green	LCD 6 digit 7,6 mm 5 mm two colours	LCD 6 digit counter 8,5 mm preset 4,5 mm	LCD 6 digit counter 7 mm preset 4 mm
protection class	IP 65	IP 65	IP 65	IP 65	IP 65
power supply	12 - 30 VDC / 24 AC / 115 AC / 230 AC	18 - 36 VDC / 24 VAC / 85 - 250 VAC	12 - 36 VDC / 24 VAC / 85-250 VAC	2 lithium-batteries 3 V 8 years	10 - 26 VDC / 85 - 260 VAC
Input control	PNP / NPN 12V - HTL (8-40V) or TTL 3,5 - 5 V	PNP / NPN 7,5 - 30 V or TTL 3,75 - 30 V	PNP / NPN 7,5 - 30 V / 5,5 - 30 V	opt. isolated count + reset 12 - 240 VAC	PNP / NPN opt. isolated 10 - 30 VDC
frequency	60 kHz / 30 Hz	12 kHz / 50 kHz	depending on Prescaler ca. 2-12 kHz / 50 Hz	25 Hz	10 kHz / 30 Hz
prescaler	0,0001 - 99,9999	0,00001 - 9,99999	0,00001 - 9,99999	-	0,00001 - 9,99999 divisor 1 - 99999
count- / control input	3 inputs (1 or 2 count, gate, reset) + application	2 counter input / 2 user input		1 counter/ reset / keylock	2 counter/ reset / keylock
phase discriminator	programmable single, double, quadruple evaluation	programmable single, double, quadruple evaluation	programmable single, double, quadruple evaluation	-	X
output/preset	without, with 1 or 2 relay + transistor output, 3. preset-application-output (only transistor)	2 relays 2 transistors or 3 relays 1 transistor (batchmode)	1 relay 1 transistor, 2 relays 2 transistors	1 relay	2 relays
signal length	bistabil. or 0,01 - 599,99 s	programmable 0,01 - 99,99s / 0,1 - 999,9s		programmable 0,1 - 9,9s	bistabil or monostabil
Relay	change-over contact 5A / 230 VAC	normally open 250 VAC, 5 A		1relay progr. as NO or NC 8 A	P1 change-over. P2 as NO or NC progr. 8 A
trall preset	X	-	-	-	-
range signal counter	X	-	-	-	-
range signal tachometer	X	-	-	-	-
range signal timer	X	-	-	-	-
negative preset	X	-	-	-	-
batch preset	X	X	-	-	X
timing relay with start button	X	-	-	-	-
prescaler output	X	Modell C48CP	X	-	-
connectors	convenient screw-type terminals / plug-type connectors	screw damps		?	plug-type connectors

Price List



1 Relay Output

2 Relay Output

VOLTAGE RANGE	PART #	LIST PRICE	PART #	LIST PRICE
12-30 VDC	VC772-101	\$130	VC772-102	\$161
24 VAC	VC772-111	\$130	VC772-112	\$161
115VAC	VC772-121	\$130	VC772-122	\$161
230VAC	VC772-131	\$130	VC772-132	\$161

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Demonstration Kit

Demonstration kits are available to showcase the VersaCount™ to your customers



Part #: VC772DEMO
Price: \$489 net

Kit includes counter, encoder and several input/output devices to simulate any type of application.

VersaCount™

Promotion

For a limited time, receive one free kit with a stocking order with a list value greater than \$5000



Suggested Stock Order (list price \$5,306)

VOLTAGE RANGE	Single Relay Output			Dual Relay Output		
	PART #	LIST PRICE	QTY	PART #	LIST PRICE	QTY
12-30 VDC	VC772- 101	\$ 130	7	VC772-102	\$ 161	7
24 VAC	VC772-111	\$ 130	1	VC772-112	\$161	1
115VAC	VC772-121	\$ 130	12	VC772-122	\$161	7
230VAC	VC772-131	\$ 130	1	VC772-132	\$161	1

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VersaCount™ Brochure

Four page literature piece intended to leave behind with your customer

Value Selling Guide

14 page guide designed to assist you in selling the VersaCount™ to your customer. For you to keep



vr-versacount.com

- Scheduled to launch 10-22-2010
- Will contain an application library
- The brochure, value selling guide and programming manual can be down loaded
- The training power point can be downloaded
- Printed copies of the literature pieces can be ordered

versaCount™ Contact Information



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