Precision Digital ProVu Dual-Line Flow Rate/Totalizing Displays & Controllers

- **Large dual-line display shows flow rate and total at the same time**
- **Available with two or four SPDT relays for alarm/control functions**
- **Simplify your panel with available dual-input models—control two processes on a single economical display**

PRECISION DIGITAL ÷

Precision Digital ProVu displays and controllers are specifically designed to display flow rate and total from flow meters with either analog or pulse outputs. They can display flow rate and total at the same time—a feature not usually found on 1/8 DIN meters. Custom program three of the front panel buttons for specific operations, such as totalizer reset. Units provide power to drive the flow meter.

Wide selection of options to fit your specific application
Relay options include economical models without relays, or models with two or four relays for control of basic batch functions, chemical pumps or alarms triggered when a desired total is reached. Each relay features adjustable deadbands and time delays. **Isolated 4-20 mA outputs** are available on select models. Use to transmit rate, total, grand total, maximum/minimum (peak/valley) values and more.

Input options include models with single or dual inputs. Each input is programmed with independent type selection and scaling, as well as a custom unit or tag that's displayed with its independent rate, total and grand total. Display flow rates in units per second, minutes, hours or days. Display total as total, grand total or non-resettable grand total. Overflow capability allows display of up to nine digits of total. The ProVu's totalizer conversion factor lets you display flow rate and total in different units. For example, you can simultaneously display rate in gallons per minute and total in barrels.

Advanced math functions simplify difficult applications
These units are perfect for use with open-channel flow installations; built-in exponential linearizer allows display of ultrasonic sensor readings from flow-thru weir and flume applications. Dual-input models feature additional math functions for performing complex calculations directly in the meter using one or both of the input values. Computations include addition, difference, average, multiplication, division, min, max, weighted average, ratio, concentration and more. Dual-input models can also display a differential pressure flow value. Pulse-input models with 4-20 mA outputs allow you to convert your flow meter's pulse signal into a 4-20 mA signal. All meters include a USB cable and free Windows® software loaded on the meter for easy configuration.

Accuracy:	±0.03% of calibrated span ±1 count
Input	
Analog:	1 or 2 (depending on model); 0-20 mA, 4-20 mA; 0-5, 1-5 and 0-10 VDC
Pulse:	1 or 2 (depending on model); pulse, open collector, NPN, PNP, TTL, switch contact, sine wave (coil) and square wave
Digital input:	1
Output:	4-20 mA (select models only)
Relays	0, 2 or 4 SPDT (form C) (depending on model)
Rating:	3A @ 30 VDC and 125/250 VAC*
Deadband:	0 to 100% of span, user programmable
Reset:	automatic or manual, user-selectable
Loop power:	24 VDC @ 200 mA
Memory:	nonvolatile, stored for 10 years without power
Display:	6-digit 0.6" red extra-bright, readable in sunlight LED (-99999 to 999999)
Operating temp:	-40 to 149°F (-40 to 65°C)
Enclosure:	1/8 DIN plastic NEMA 4X/IP65 front
Power:	85-265 VAC, 50/60 Hz; 12-24 VDC option available as special order (contact USABlueBook for more information)
Weight:	9.5 oz

***We recommend a general-purpose step-up relay between the output relay and any significant load (such as a motor starter).**

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Flow Rate/Totalizing Displays & Controllers

	SINGLE INPUT			DUAL INPUT		
DESCRIPTION	**MFR #**	**STOCK #**	**EACH**	**MFR #**	**STOCK #**	**EACH**
RATE/TOTALIZER DISPLAYS & CONTROLLERS W/ ANALOG INPUT(S)						
Display with No Relays	PD6200-6R0	40574	$	PD6262-6R0	50199	$
Controller with 2 Relays	PD6200-6R2	40575		PD6262-6R2	50201	
Controller with 2 Relays & 4-20 Output	PD6200-6R5	50286		PD6262-6R5	50203	
Controller with 4 Relays	PD6200-6R4	40576		PD6262-6R4	50214	
Controller with 4 Relays & 4-20 Output	PD6200-6R7	50287		PD6262-6R7	50231	
RATE/TOTALIZER DISPLAYS & CONTROLLERS W/ PULSE INPUT(S)						
Display with No Relays	PD6300-6R0	40577	$	PD6363-6R0	50249	$
Controller with 2 Relays	PD6300-6R2	40578		PD6363-6R2	50256	
Controller with 2 Relays & 4-20 Output	PD6300-6R5	50288		PD6363-6R5	50279	
Controller with 4 Relays	PD6300-6R4	40579		PD6363-6R4	50294	
Controller with 4 Relays & 4-20 Output	PD6300-6R7	50289		PD6363-6R7	50299	

Accessories

DESCRIPTION	**STOCK #**	**EACH**
10A General-Purpose 120-VAC Relay	45206	$
8-Pin Relay Socket	45216	
NEMA 4X Panel Mount Enclosure with 1/8 DIN Cutout, 8"W x 10"H x 6"D	42955	
Steel Back Panel for 8"W x 10"H Enclosure	56138	

NEMA 4X Panel Meter Enclosures

- **UV-resistant fiberglass with stainless steel hinge and lockable latches**

These rugged panel boxes have a rectangular cutout to fit common 1/8 or 1/4 DIN panels and process meters from most manufacturers. The roomy 8"W x 10"H x 6"D size and raised-panel door leaves plenty of space for extra components such as relays and terminal strips. Optional steel back panel sold separately.

DESCRIPTION	**STOCK #**	**EACH**
Meter Enclosure, 1/8 DIN	42955	$
Meter Enclosure, 1/4 DIN	67727	
Optional Back Panel	56138	

NEMA 4X 1/8 DIN Model 42955

Closed View (Meter Not Included)