DUAL-LINE FLOW RATE/TOTALIZERS

PROVU • Model PD6200 Analog Input

Analog Inputs
- 0-20 mA, 4-20 mA, 0-5 V, 1-5 V, and ±10 V Inputs
- Isolated 24 VDC @ 200 mA Transmitter Power Supply
- Open Channel Flow with Programmable Exponent
- Square Root Extraction
- 32-Point Linearization

COMMON METER FEATURES
- NEMA 4X, IP65 Front
- Universal 85-265 VAC or 12/24 VDC Input Power
- Large Dual-Line 6-Digit Display, 0.60" & 0.46"
- Programmable Displays & Function Keys
- Sunlight Readable Display
- 2 or 4 Relays + Isolated 4-20 mA Output Options
- External 4-Relay & Digital I/O Expansion Modules
- RS-232, RS-422/485 Serial Communication Options
- -40 to 65°C Operating Temperature Range

COMMON RATE/TOTALIZER FEATURES
- Rate Displayed as Units per Sec., Min., Hr., or Day
- Total, Grand Total or Non-Resettable Grand Total
- Password Protection for Total Reset
- 9-Digit Totalizer with Total Overflow Feature
- Any Relay for Rate or Total
- 4-20 mA Output for Rate or Total
- Sampling Relay
- Total Stored in Non-Volatile Memory

PROVU SERIES

PROVU • Model PD6300 Pulse Input

Pulse Inputs
- Pulse, Open Collector, NPN, PNP, TTL, Switch Contact, Square Wave Inputs
- 5 or 10 VDC @ 50 mA or 24 VDC @ 200 mA Excitation
- Gate Function for Rate Display of Slow Pulse Rates
- K-Factor, Internal or External Calibration
- 4-20 mA Output Option Converts the Pulse Input to an Isolated 4-20 mA Output

Large 0.6" Digits

Rugged Front

Dual-Line 6-Digit Display

Overflow Indication

User Configurable Display

(Actual Size)

Sunlight Readable

PV, Max (Peak), Min (Valley)

Rate

Programmable Function Keys

NEMA 4X

Total

Status Indicators

PERFECT FOR FLOW APPLICATIONS

The PD6200 and PD6300 **PROVU** meters are 1/8 DIN flow rate/totalizers specifically designed for displaying flow rate and total from flow meters with analog or pulse outputs. These flow rate totalizers are particularly well-suited for flow applications because they can display flow rate and flow total at the same time, will provide power to drive the flow meter, and can display flow total, flow grand total, or non-resettable flow total on up to nine digits.

FRONT PANEL DISPLAY

Display Flow Rate, Total or Grand Total

The main display can be programmed to display flow rate, total or grand total, and the secondary display can be programmed to display flow rate, total or grand total, engineering units, custom legends or can be turned off. Both displays could also display relay set points or max and min values.

In the graphic at the top of the page, the main display is displaying flow rate (as indicated by the "R" to the right of the number) and the secondary display is displaying flow total (as indicated by the T under the number.) The following photographs show typical ways these flow rate totalizers can be programmed:

Flow Rate Indicator

Flow Totalizer

Total & Grand Total

Totalizer Overflow Displays Total to 9 Digits

These flow rate totalizers can display up to nine digits of total flow with the total overflow feature. In the diagrams below, the flow totalizer is displaying 532,831,470 by toggling between a display of *oF 532* and *83 1470*. Notice the (T with arrow ▲ symbol) is lit up indicating the display is in overflow mode.

Environmentally Tough

UV Resistant Sunlight Readable

NEMA 4X Rated
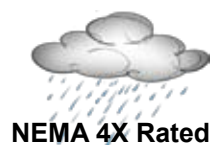
Rugged

A unique front panel design makes the **PROVU** nearly impenetrable in typical applications. Here, the **PROVU** easily survives a direct hit on the display from a heavy 2" solid stainless steel ball dropped from eight feet.

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TOTALIZER CAPABILITIES

These **ProVu** Flow Rate Totalizers can be programmed for a wide variety of totalilzer applications. They can display total, grand total, or non-resettable grand total from a time base of seconds, minutes, hours or days. The user can program a totalizer conversion factor, a non-resettable grand total, password protection and several total reset methods.

Non-Resettable Grand Total

The user can set up the grand total to be non-resettable by entering a specific password. Once this is done, the grand total can never be reset.

Totalizer Conversion Factor

The user can enter a totalizer conversion factor that allows the meter to display rate and total in different units. For instance a customer could measure flow rate in gallons per minute and total in hundredths of acre-feet.

Password Protection

The total and grand total can be password protected to restrict total reset to authorized personnel only.

Total Password   Grand Total Password

Front Panel Total Reset

The three function keys on the front panel can be programmed to reset the total and or grand total so that all the user has to do is press the appropriate function key and the total or grand total will be reset. Of course, if the total or grand total is password protected, they will not reset when the function key is pressed.

Remote Total Reset

An I/O expansion module like the one pictured below can be used to remotely reset the total or grand total. The reset switch is wired into the module and the module is connected to the M-Link RJ45 socket at the back of the meter.

FIELD EXPANSION MODULES

Add functionality to the **ProVu** in the field with easy-to-install external expansion modules. Add RS-232 or RS-422/485 communications, I/O modules (up to 2), or 4-relay expansion module. The menu items for these modules do not appear until the module is connected, simplifying the basic menu. Relay and digital I/O modules are shown below with optional DIN rail mounting kit, P/N PDA1002.

I/O Expansion Module

Four digital inputs and four digital outputs are available per expansion module. The **ProVu** meter will accept two of these modules. External digital inputs can function similarly to the front panel function keys. They can be configured to trigger certain events (i.e. acknowledge/reset alarms, reset max and/or min values, disable/enable all output relays, and hold current relay states), provide direct menu access point, or mimic front panel keys.

Digital outputs can be used to remotely monitor **ProVu**'s alarm relay output states, or the states of a variety of actions and functions executed by the meter.

Relay Expansion Module

An external module containing four 3 amp Form A (SPST) relays can be added to the **ProVu** at anytime. Removable screw terminal blocks accept 12 to 22 AWG wire.
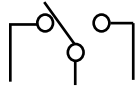

Communications Module

Serial communications on the **ProVu** can be added anytime with external RS-232 or RS-422/485 communication adapters.

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PROVU • PD6200 & PD6300 RATE/TOTALIZERS

OUTPUTS

Relay Outputs

The **ProVu** has up to four 3 A Form C relays (SPDT), giving you more fail-safe options upon power loss. Relay action can also be configured for input loop break protection. Set ON and OFF delay times when needed. Up to eight front panel indicators show alarm and/or relay state. Can be configured for 0-100% deadband.

Relay Operation/Configuration

There are powerful relay functions that can be configured in the **ProVu** meter, including:

* Automatic reset only (non-latching)
* Automatic + manual reset at any time (non-latching)
* Latching (manual reset only)
* Latching with clear (manual reset only after alarm condition has cleared)
* Pump alternation control (automatic reset only)
* Sampling (activated for a user-specified time)
* User selectable fail-safe operation
* Relay action for loss (break) of 4-20 mA input signal
* Time delay (on and off), independent for each relay
* Manual control mode

Analog Output

The isolated analog retransmission signal can be configured to represent the process variable (PV), maximum (peak) value, minimum (valley) value, or the value for any of the eight relay set points. While the output is nominally 4-20 mA, the signal will accurately accommodate under- and over-ranges from 1 to 23 mA.

Auto/Manual Control

Take control of any output with this feature. All relays can be forced ON or OFF, and the 4-20 mA output signal can be set to any value within its range.

Isolated Transmitter Power Supplies

A powerful 24 V @ 200 mA power supply is a standard feature on the **ProVu** meter. It can be configured for 5, 10, or 24 V (default) by means of a simple internal jumper (see manual). An additional power supply (24 V @ 40 mA) is standard with the 4-20 mA output option.

NEMA 4 & 4X FIELD ENCLOSURES

Plastic, stainless steel, and painted steel NEMA 4X enclosures for up to 10 **ProVu** meters.

PDA2811   PDA2706

See our complete offering at www.predig.com/ProVu

EASY PROGRAMMING AND SETUP

Dual-Line Display & 4 Buttons

The user friendly dual-line display and four programming buttons make the **ProVu** easy to set up and program. The four buttons keep the user in control of the programming process, and the second line provides a reminder or prompt for the current programming step.

Input 1   Display 1

The meter on the left is prompting the user to enter the desired input value, which in this case will be 4 mA. A key feature of the **ProVu** is that it is not necessary to actually apply this input so the meter can be scaled without a calibrator.

The meter on the right is prompting the user to enter the desired display value that corresponds to Input 1. The left arrow ↵ moves the active digit to the right and the up arrow ▲ increases the value of the digit.

I/O Module for Remote Programming

The I/O module can be used can be used to program the **ProVu** remotely, in essence giving the user control of the four front panel push buttons. This feature is particularly useful if the meter is mounted inside an explosion-proof enclosure.

METER COPY

The Copy feature is used to copy (or clone) all the settings from one **ProVu** to other **ProVu** meters in about 20 seconds! The Copy function is a standard feature on all meters. It does not require a communications adapter, only an optional cable assembly, P/N PDA1200. See the ordering information for complete details.

Copying Meter Settings

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APPLICATIONS

4-20 mA signal
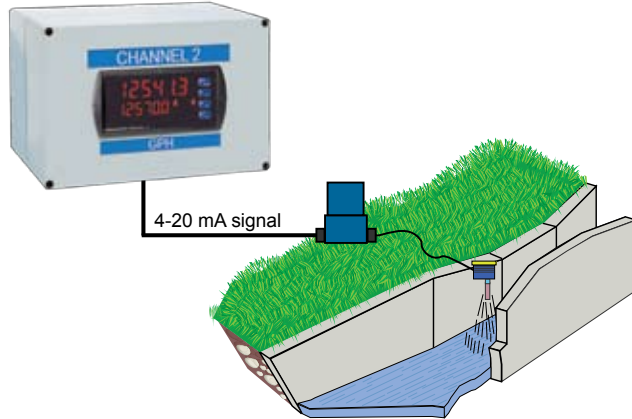
Open Channel Flow

The PD6200, in combination with an ultrasonic level transmitter, makes for an economical way to measure and display open channel flow rate and total in most weirs and flumes and take periodic samples. All the user needs to do is enter the exponent for the weir or flume into the PD6200 and the PD6200 automatically raises the input signal to that power. Sampling can be based on the total flow or the flow rate. For instance, to display open channel flow rate and total from a 3 inch Parshall flume and take a one pint sample every 100,000 gallons, the user would program the PD6200 as follows:

Function	Desire	Programming
Open Channel Flow	3" Parshall flume	Set Programmable Exponent to 1.547
Flow Rate	Millions of Gallons per Day (MGD)	Set 4 mA = 0 & 20 mA = 3.508
Total	Millions of Gallons	Set Totalizer Conversion Factor = 1
Non-Resettable Grand Total	Program meter so grand total can never be reset	Set non-resettable grand total password
Display	Display Flow Rate and Total at the same time	Set main display for Rate and secondary display for Total
Sampling	Take a 1 pint sample every 100,000 gallons	Set up relay for sampling and to trip every 0.1 Million gallons. Set up sampling time such that 1 pint is sampled.

Total Relay Sampling Operation
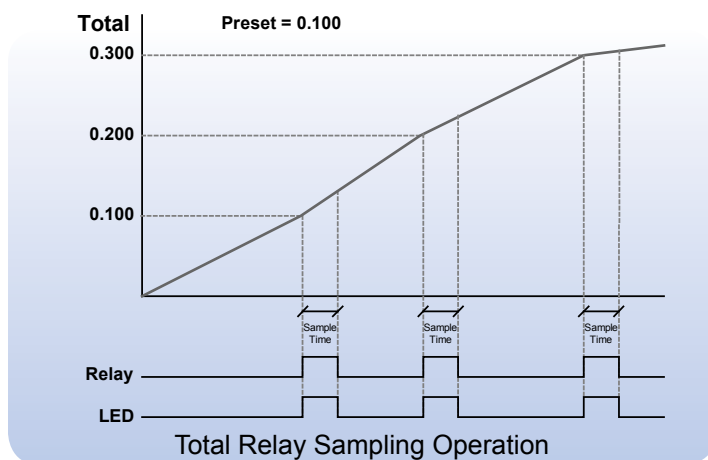
Differential Pressure Flow

The PD6200 can display flow rate and total by extracting the square root from the 4-20 mA signal from a differential pressure transmitter. The user selectable low-flow cutoff feature gives a reading of zero when the flow rate drops below a user selectable value.
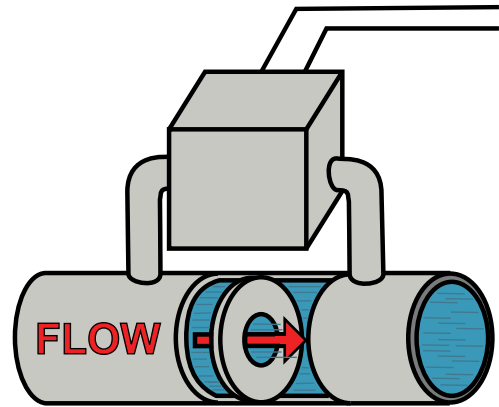
- Display Flow Rate
- User Selectable Low-Flow Cutoff
- Only 2 Calibration Points Required

Convert Pulse to 4-20 mA with PD6300

The PD6300 accepts the pulse output from a flowmeter and with the appropriate option installed can convert the pulse to a 4-20 mA signal. The 4-20 mA signal can be programmed to correspond to either the flow rate or the total flow.
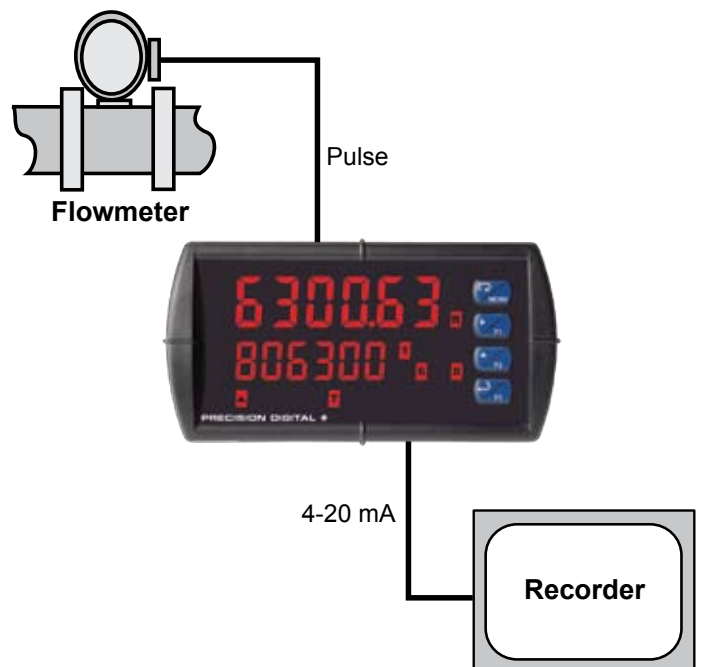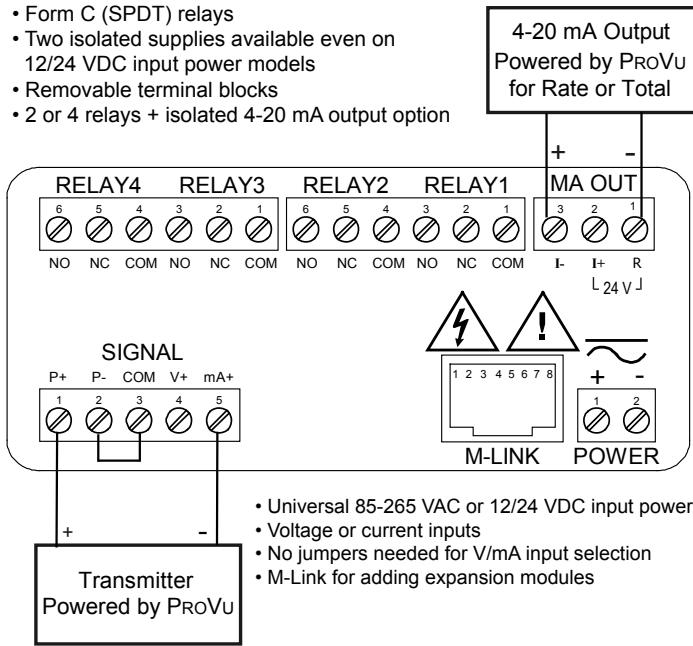

- Use K-Factor or Multi-Point Scaling
- **PROVU** Powers the Flowmeter
- Display Flow Rate & Total

CONNECTIONS

PD6200

- Form C (SPDT) relays
- Two isolated supplies available even on 12/24 VDC input power models
- Removable terminal blocks
- 2 or 4 relays + isolated 4-20 mA output option

4-20 mA Output Powered by PROVU for Rate or Total

RELAY4   RELAY3   RELAY2   RELAY1   MA OUT
6 5 4 3 2 1   6 5 4 3 2 1   6 5 4 3 2 1   3 2 1
NO NC COM   NO NC COM   NO NC COM   NO NC COM   I- I+ R
24 V

SIGNAL
P+ P- COM V+ mA+
1 2 3 4 5

1 2 3 4 5 6 7 8
M-LINK   POWER   + -

- Universal 85-265 VAC or 12/24 VDC input power
- Voltage or current inputs
- No jumpers needed for V/mA input selection
- M-Link for adding expansion modules
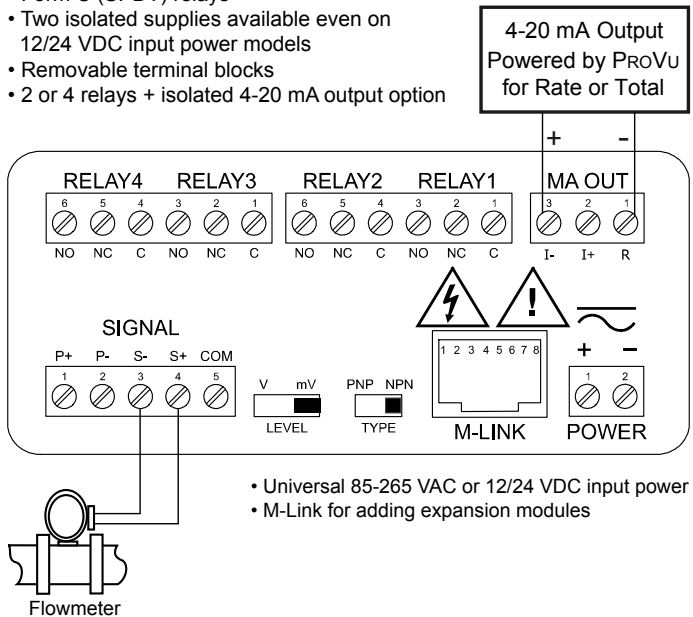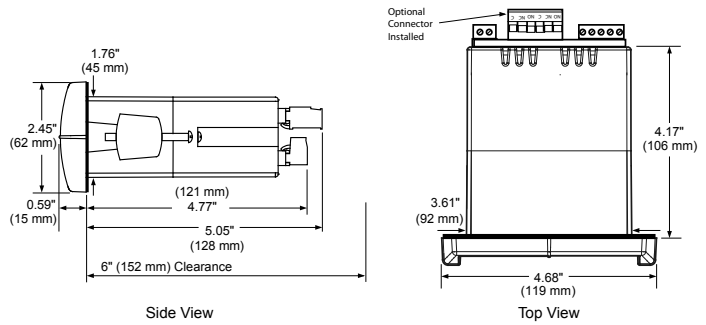
Transmitter Powered by PROVU
+ -

PD6300

- Form C (SPDT) relays
- Two isolated supplies available even on 12/24 VDC input power models
- Removable terminal blocks
- 2 or 4 relays + isolated 4-20 mA output option

4-20 mA Output Powered by PROVU for Rate or Total

RELAY4   RELAY3   RELAY2   RELAY1   MA OUT
6 5 4 3 2 1   6 5 4 3 2 1   6 5 4 3 2 1   3 2 1
NO NC C   NO NC C   NO NC C   NO NC C   I- I+ R

SIGNAL
P+ P- S- S+ COM
1 2 3 4 5

V   mV
LEVEL

PNP   NPN
TYPE

1 2 3 4 5 6 7 8
M-LINK   POWER   + -

- Universal 85-265 VAC or 12/24 VDC input power
- M-Link for adding expansion modules

Flowmeter

MOUNTING DIMENSIONS

Optional Connector Installed

1.76" (45 mm)
2.45" (62 mm)
0.59" (15 mm)
(121 mm)
4.77"
5.05" (128 mm)
6" (152 mm) Clearance
Side View

4.17" (106 mm)
3.61" (92 mm)
4.68" (119 mm)
Top View

Notes:
1. Panel cutout required: 1.772" x 3.622" (45mm x 92mm)
2. Panel thickness: 0.040 - 0.250" (1.0mm - 6.4mm)
3. Mounting brackets lock in place for easy mounting
4. Clearance: Allow 6" (152 mm) behind the panel

SPECIFICATIONS

Except where noted all specifications apply to operation at +25°C.

General

Display: Main display: 0.60" (15 mm) high, second display: 0.46" (12 mm) high. Both displays are 6 digits (-99999 to 999999), red LEDs with leading zero blanking.

Display Intensity: Eight user selectable intensity levels

Display Update Rate: 5/second (200 ms)

Overrange: Display flashes 999999

Underrange: Display flashes -99999

Front Panel: NEMA 4X, IP65

Programming Methods: Four front panel buttons, digital inputs, PC and multi-point linearization utility, or cloning using Copy function.

Noise filter: Programmable from 2 to 199 (0 will disable filter)

Filter Bypass: Programmable from 0.1 to 99.9% of calibrated span

Recalibration: All ranges are calibrated at the factory. Recalibration is recommended at least every 12 months.

Max/Min Display: Max (Peak) / min (Valley) readings reached by the process are stored until reset by the user or until power to the meter is turned off.

Password: Three programmable passwords restrict modification of programmed settings and two prevent resetting the totals. Pass 1: Allows use of the F1–F3 function keys. Pass 2: Allows use of the F1–F3 function keys and changing the set/reset points. Pass 3: Restricts all programming and F1–F3 keys. Total: Prevents resetting the total manually. Gtotal: Prevents resetting the grand total manually. *Note: Digital inputs are not password protected.*

Non-Volatile Memory: All programmed settings are stored in non-volatile memory for a minimum of ten years if power is lost.

Power Options: 85-265 VAC 50/60 Hz, 90-265 VDC 20 W max, or jumper selectable 12/24 VDC ±10%, 15 W max.

Fuse: Required external fuse: UL Recognized, 5 A max, slow blow; up to 6 meters may share one 5 A fuse.

Isolated Transmitter Power Supply: Terminals P+ & P-: 24 VDC ± 5% @ 200 mA max (standard), (12/24 VDC powered models rated @ 100 mA max). 5 or 10 VDC @ 50 mA max, selectable with internal jumper J4.

Normal Mode Rejection: Greater than 60 dB at 50/60 Hz

Isolation: 4 kV input/output-to-power line. 500 V input-to-output or output-to-P+ supply.

Environmental: Operating temperature range: -40 to 65°C. Storage temperature range: -40 to 85°C. Relative humidity: 0 to 90% non-condensing.

Connections: Removable screw terminal blocks accept 12 to 22 AWG wire, RJ45 for external relays, digital I/O, and serial communication adapters.

Enclosure: 1/8 DIN, high impact plastic, UL 94V-0, color: black

Mounting: 1/8 DIN panel cutout required: 3.622" x 1.772"

(92 mm x 45 mm). Two panel mounting bracket assemblies are provided.

Tightening Torque: Screw terminal connectors: 5 lb-in (0.56 Nm)

Overall Dimensions: 4.68" x 2.45" x 5.64"
(119 mm x 62 mm x 143 mm) (W x H x D)

Weight: 9.5 oz (269 g)

UL File Number: UL & c-UL Listed. E160849; 508 Industrial Control Equipment.

Warranty: 3 years parts & labor

PD6200 Analog Inputs

Inputs: Field selectable: 0-20, 4-20 mA, ±10 VDC (0-5, 1-5, 0-10 V)

Accuracy: ±0.03% of calibrated span ±1 count, square root & programmable exponent accuracy range: 10-100% of calibrated span

Temperature Drift: 0.005% of calibrated span/°C max from 0 to 65°C ambient, 0.01% of calibrated span/°C max from -40 to 0°C ambient

Math Function: Linear, square root, programmable exponent, or round horizontal tank volume calculation.

Multi-Point Linearization: 2 to 32 points

Programmable exponent: 1.0001 to 2.9999

Low-Flow Cutoff: 0-999999 (0 disables cutoff function)

Decimal Point: Up to five decimal places or none: d.ddddd, dd.dddd, ddd.ddd, dddd.dd, ddddd.d, or dddddd.

Calibration Range: Input range: 4-20 mA, ±10 V. Minimum span: 0.15 mA or 0.10 V. An Error message will appear if input 1 and input 2 signals are too close together.

Input Impedance: Voltage ranges: greater than 1 MΩ. Current ranges: 50 - 100 Ω (depending on resettable fuse impedance).

Input Overload: Current input protected by resettable fuse, 30 VDC max. Fuse resets automatically after fault is removed.

PD6300 Rate Inputs

Inputs: Field selectable: Pulse or square wave 0-5 V, 0-12 V, or 0 24 V @ 30 kHz; TTL; open collector 4.7 kW pull-up to 12 V @ 30 kHz; NPN or PNP transistor, switch contact 4.7 kW pull-up to 12 V @ 40 Hz.

Low Voltage Mag Pickup (Isolated): Sensitivity: 125 mVp-p; Hysteresis: 30 mV

Minimum Input Frequency: 0.0101 Hz Minimum frequency is dependent on high gate setting.

Maximum Input Frequency: 30,000 Hz

Input Impedance: Pulse input: Greater than 300 kW @ 1 kHz. Open collector/switch input: 4.7 kW pull-up to 12 V.

Accuracy: ±0.03% of calibrated span ±1 count, square root & programmable exponent accuracy range: 10-100% of calibrated span

Temperature Drift: Rate display is not affected by changes in temperature.

Multi-Point Linearization: 2 to 32 points

Low-Flow Cutoff: 0-999999 (0 disables cutoff function)

Decimal Point: Up to five decimal places or none: d.ddddd, d.dddd, d.ddd, d.dd, d.d, or dddddd

Calibration: May be calibrated using K-factor, internal calibration, or by applying an external calibration signal.

K-Factor: Field programmable K-factor converts input pulses to rate in engineering units. May be programmed from 0.00001 to 999,999 pulses/unit.

Calibration Range: Input 1 signal may be set anywhere in the range of the meter; input 2 signal may be set anywhere above or below input 1 setting.

Minimum input span between any two inputs is 3 Hz. An Error message will appear if the input 1 and input 2 signals are too close together.

Filter: Programmable contact de-bounce filter: 40 to 950 Hz maximum input frequency allowed with low speed filter.

Time Base: Second, minute, hour, or day

Gate: Low gate: 1-98 seconds; High gate: 2-99.9 seconds

Rate/Totalizer

Display Assignment: The main (Big) and small (Little) displays may be assigned to rate, total, grand total, alternate R & T, units, and set point.

Rate Display Indication: -99999 to 999999, lead zero blanking. "R" LED illuminates while displaying rate.

Total Display & Total Overflow: 0 to 999,999; automatic lead zero blanking. "T" LED is illumi-nated while displaying total or grand total.Up to 999,999,999 with total-overflow feature. "oF" is dis-played to the left of total overflow and ▲ LED is illuminated.

Alternating Display: Either display may be programmed to alternate between rate and total or rate and grand total every 10 seconds.

Total Decimal Point: Up to five decimal places or none: d.ddddd, d.dddd, d.ddd, d.dd, d.d, or ddddddTotal decimal point is independent of rate decimal point.

Totalizer: Calculates total based on rate and field programmable mul-tiplier to display total in engineering units. Time base must be selected according to the time units in which the rate is displayed.

Totalizer Rollover: Totalizer rolls over when display exceeds 999,999,999. Relay status reflects display.

Totalizer Presets: Up to eight, user selectable under setup menu. Any set point can be assigned to total and may be programmed anywhere in the range of the meter for total alarm indica-tion.

Programmable Delay On Release: 0.1 and 999.9 seconds; applied to the first relay assigned to total or grand total.If the meter is programmed to reset total to zero automati-cally when the preset is reached, then a delay will occur before the total is reset.

Total Reset: Total and grand total passwords may be entered to prevent resetting the total or grand total from the front panel.

Total Reset Password: Total and grand total passwords may be entered to prevent resetting the total or grand total from the front panel.

Non-Resettable Total: The grand total can be programmed as a non-resettable total by entering the password "050873".

Caution: Once the Grand Total has been programmed as "non-resettable" the feature cannot be disabled.

Relays

Rating: 2 or 4 SPDT (Form C) internal and/or 4 SPST (Form A) external; rated 3 A @ 30 VDC and 125/250 VAC resistive load; 1/14 HP @ 125/250 VAC for inductive loads

Noise Suppression: Noise suppression is recommended for each relay contact switching inductive loads.

Deadband: 0-100% of span, user programmable

High or Low Alarm: User may program any alarm for high or low trip point. Unused alarm LEDs and relays may be disabled (turned off).

Relay Operation: automatic (non-latching), latching (requires manual acknowledge), sampling (based on time), pump alternation control (2 to 8 relays), off (disable unused relays), and manual control mode.

Relay Reset: User selectable via front panel buttons, digital inputs, or PC

1. Automatic reset only (non-latching), when input passes the reset point or total is reset to zero.

2. Automatic + manual reset at any time (non-latching).

3. Manual reset only, at any time (latching).

4. Manual reset only after alarm condition has cleared (latching).

Note: Front panel button or digital input may be assigned to acknowledge relays programmed for manual reset.

Time Delay: 0 to 999.9 seconds, on & off relay time delays. Programmable and independent for each relay.

Fail-Safe Operation: Programmable and independent for each relay. *Note: Relay coil is energized in non-alarm condition. In case of power failure, relay will go to alarm state.*

Auto Initialization: When power is applied to the meter, relays will reflect the state of the input to the meter.

Isolated 4-20 mA Transmitter Output

Output Source: Process variable (PV), max, min, set points 1-8, or manual control mode

Scaling Range: 1.000 to 23.000 mA for any display range

Calibration: Factory calibrated: 4.000 to 20.000 = 4-20 mA output

Analog Output Programming: 23.000 mA maximum for all parameters:Overrange, underrange, max, min, and break

Accuracy: ± 0.1% FS ± 0.004 mA

Temperature Drift: 0.005% of calibrated span/°C max from 0 to 65°C ambient, 0.01% of calibrated span/°C max from -40 to 0°C ambient *Note: Analog output drift is separate from input drift.*

Isolated Transmitter Power Supply: Terminals I+ & R: 24 VDC ± 5% @ 40 mA maximum, may be used to power the 4-20 mA output or other devices. Present on both AC & DC powered units.

External Loop Power Supply: 35 VDC maximum

Output Loop Resistance:

Power supply	Minimum	Maximum
24 VDC	10 Ω	700 Ω
35 VDC (external)	100 Ω	1200 Ω

Serial Communications

Meter Address: 1 - 247

Baud Rate: 300 - 19,200 bps

Transmit Time Delay: Programmable between 0 and 199 ms or transmitter always on for RS-422 communication

Data: 8 bit (1 start bit, 1 stop bit)

Parity: None

Turn Around Delay: Less than 2 ms (fixed)

Digital I/O Expansion Module

Channels: 4 digital inputs & 4 digital outputs per module

System: Up to 2 modules for a total of 8 inputs & 8 outputs

Digital Input Logic: High: 3 to 5 VDC   **Low:** 0 to 1.25 VDC

Digital Output Logic: High: 4.75 to 5 VDC **Low:** 0 to 0.4 VDC

Source Current: 10 mA maximum

Sink Current: 1.5 mA minimum

+5 V Terminal: To be used as pull-up for digital inputs only. Connect normally open pushbuttons across +5 V & DI1-4.

4-Relay Expansion Module

Relays: Four Form A (SPST) rated 3 A @ 30 VDC and 125/250 VAC resistive load; 1/4 HP @ 125/250 VAC for inductive loads.

Disclaimer

ORDERING INFORMATION

PROVU • Model PD6200 Analog Inputs		
85-265 VAC Model	**12/24 VDC Model**	**Options Installed**
PD6200-6R0	PD6200-7R0	None
PD6200-6R2	PD6200-7R2	2 Relays
PD6200-6R3	PD6200-7R3	4-20 mA Output
PD6200-6R4	PD6200-7R4	4 Relays
PD6200-6R5	PD6200-7R5	2 Relays & 4-20 mA Out
PD6200-6R7	PD6200-7R7	4 Relays & 4-20 mA Out

Note: 24 V Transmitter power supply standard on all models.

PROVU • Model PD6300 Pulse Inputs		
85-265 VAC Model	**12/24 VDC Model**	**Options Installed**
PD6300-6R0	PD6300-7R0	None
PD6300-6R2	PD6300-7R2	2 Relays
PD6300-6R3	PD6300-7R3	4-20 mA Output
PD6300-6R4	PD6300-7R4	4 Relays
PD6300-6R5	PD6300-7R5	2 Relays & 4-20 mA Out
PD6300-6R7	PD6300-7R7	4 Relays & 4-20 mA Out

Note: 24 V Transmitter power supply standard on all models.

Accessories	
Model	**Description**
PDA1002	DIN Rail Mounting Kit for Two Expansion Modules
PDA1004	4-Relay Expansion Module
PDA1044	4 Digital Inputs & 4 Digital Outputs Module
PDA1200	Meter Copy Cable
PDA1232	RS-232 Serial Adapter
PDA1485	RS-422/485 Serial Adapter
PDA7485-I	RS-232 to RS-422/485 Isolated Converter
PDA7485-N	RS-232 to RS-422/485 Non-Isolated Converter
PDA8232-N	USB to RS-232 Non-Isolated Converter
PDA8485-I	USB to RS-422/485 Isolated Converter
PDA8485-N	USB to RS-422/485 Non-Isolated Converter
PDX6901	Suppressor (snubber): 0.01 μF/470 Ω, 250 VAC

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