

PD603 Sabre P Process Meter



Sabre Series



SPECIFICATIONS

Input	0-20 mA, 4-20 mA; ±10 VDC (0-5, 1-5, 0-10 V)
Display	4-digit, 0.56" (14.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	0 to 65°C
Minimum Order Qty	5 units

FEATURES

- Maximum/minimum display
- Scale without a signal source
- Calibrate with a signal source
- Easy front panel programming
- Shallow depth enclosure

OPTIONS

- 24 VDC transmitter power supply

PD644 Javelin D High-Voltage DC Meter



SPECIFICATIONS

Input	0-300 VDC
Display	4-digit, 0.56" (14.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	0 to 65°C

FEATURES

- Maximum/minimum display
- RS-485 serial communications
- 4-20 mA output standard
- Modbus® RTU
- Shallow depth enclosure

OPTIONS

- 2 form C relays
- 24 VDC transmitter supply

PD743 Sabre T Temperature Meter



Sabre Series



SPECIFICATIONS

Input	Thermocouple J, K, T, E; RTD 100 Ω platinum
Display	4-digit, 0.56" (14.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	0 to 65°C
Minimum Order Qty	5 units

FEATURES

- 1° or 0.1° resolution with RTD
- Maximum/minimum display
- Pre-calibrated for all input types
- Easy front panel programming
- Shallow depth enclosure

PD765 Trident Process & Temperature Meter



Trident Virtual Meter
tvm.predig.com

SPECIFICATIONS

Input	Process: 0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V) Temperature: Thermocouple J, K, T, E; RTD 100 Ω Pt
Display	4-digit, 0.56" (14.2 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	-40 to 65°C

FEATURES

- 1° or 0.1° resolution with RTD
- Sunlight readable display
- Maximum/minimum display
- Linear or square root with low-flow cutoff
- Transmitter power option
- Modbus® RTU & LabVIEW™ driver
- Shallow depth enclosure

PROGRAMMING SOFTWARE

- MeterView® programming software free download

OPTIONS

- 2 relays and 4-20 mA analog output
- 24 VDC transmitter power supply
- Dual 24 VDC transmitter power supplies
- USB, RS-232, & RS-485 serial communications

PD765 X2 Trident X2 Process & Temperature Meter



Trident Virtual Meter
tvm.predig.com

SPECIFICATIONS

Input	Process: 0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V) Temperature: Thermocouple J, K, T, E; RTD 100 Ω Pt
Display	4-digit, 1.20" (30.5 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	-40 to 65°C

FEATURES

- 1° or 0.1° resolution with RTD
- Sunlight readable display
- Maximum/minimum display
- Linear or square root with low-flow cutoff
- Transmitter power option
- Modbus® RTU & LabVIEW™ driver
- Shallow depth enclosure

PROGRAMMING SOFTWARE

- MeterView® programming software free download

OPTIONS

- 2 relays and 4-20 mA analog output
- 24 VDC transmitter power supply
- Dual 24 VDC transmitter power supplies
- USB, RS-232, & RS-485 serial communications

PD865 Snooper Modbus® Serial Input Meter



Snooper



SPECIFICATIONS

Input	RS-485 Modbus® RTU
Display	6-digit, 0.56" (14.2 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-36 VDC option
Operating Temp	-40 to 65°C

FEATURES

- Master, slave, or snooper mode
- 2 form A relays
- Linear, square root, or programmable exponent
- RS-485 serial communications
- Proxy polling for up to 8 PVs
- Shallow depth enclosure

OPTIONS

- 2 form C relays
- Isolated 4-20 mA transmitter output

PD6000 PROVu® Process Meter

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SPECIFICATIONS

Input	0-20 mA, 4-20 mA; ±10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Isolated 24 VDC @ 200 mA transmitter power supply
- Multi-pump alternation control
- Dual-scale for level applications
- Signal input conditioning for flow & level
- 32-point, square root, or exponential linearization
- Tare function

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6001 PROVu® Feet & Inches Level Meter

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PROVu®
SERIES



SPECIFICATIONS

Input	0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) feet & inches upper display, & 0.46" (12 mm) lower display
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Ft & In display ideal for level applications
- Isolated 24 VDC @ 200 mA transmitter power supply
- Multi-pump alternation control
- Dual-scale for level applications
- Signal input conditioning for flow & level
- 32-point, square root, or exponential linearization

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6060 PROVu® Dual-Input Process Meter

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PROVu®
SERIES



SPECIFICATIONS

Input	Dual 0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Displays two inputs simultaneously
- Math functions capabilities
- Isolated 24 VDC @ 200 mA transmitter power supply
- Multi-pump alternation control
- Signal input conditioning for flow & level
- 32-point, square root, or exponential linearization

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules
- RS-232 & RS-485 serial communications
- SunBright display models

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PD6080 PROVu® Modbus® Scanner with Dual Analog Input

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SPECIFICATIONS

Input	Modbus® RTU; Dual 0-20 mA, 4-20 mA, ±10 VDC (0-5, 1-5, 0-10 V)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

PROVu®
SERIES



FEATURES

- **NEW** brighter SunBright display
- Master, slave, or snooper mode
- Includes RS-485 comm. module
- Poll and display up to 16 PVs
- Math functions capabilities
- Isolated 24 VDC @ 200 mA transmitter power supply
- Multi-pump alternation control
- Signal input conditioning for flow & level
- 32-point, square root, or exponential linearization
- 4-20 mA analog output option (up to 3)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & ScanView programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules
- RS-232 serial communications

PD6081 PROVu® Feet & Inches Modbus® Scanner with Dual Analog Input

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SPECIFICATIONS

Input	Modbus® RTU; Dual 0-20 mA, 4-20 mA, ±10 VDC (0-5, 1-5, 0-10 V)
Display	Dual-line 6-digit, 0.60" (15 mm) feet & inches upper display, & 0.46" (12 mm) lower display
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

PROVu®
SERIES



FEATURES

- **NEW** brighter SunBright display
- Master, slave, or snooper mode
- Includes RS-485 comm. module
- Poll and display up to 16 PVs
- Ft & In display ideal for level applications
- Math functions capabilities
- Isolated 24 VDC @ 200 mA transmitter power supply
- Multi-pump alternation control
- Signal input conditioning for flow & level
- 32-point, sq. root, or exp. linearization
- 4-20 mA analog output option (up to 3)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & ScanView programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules
- RS-232 serial communications

PD6088 PROVu® Modbus® Scanner

IMPROVED



PROVu
SERIES

**SPECIFICATIONS**

Input	Modbus® RTU
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter SunBright display
- Master, slave, or snooper mode
- On-board RS-485 Modbus® RTU communications
- Poll and display up to 16 PVs
- Math functions capabilities
- Multi-pump alternation control
- Signal input conditioning for flow & level
- 32-point, square root, or exponential linearization
- 4-20 mA analog output option (up to 3)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & ScanView programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules

PD6089 PROVu® Feet & Inches Modbus® Scanner

IMPROVED



PROVu
SERIES

**SPECIFICATIONS**

Input	Modbus® RTU
Display	Dual-line 6-digit, 0.60" (15 mm) feet & inches upper display, & 0.46" (12 mm) lower display
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter SunBright display
- Master, slave, or snooper mode
- On-board RS-485 Modbus® RTU communications
- Poll and display up to 16 PVs
- Ft & In display ideal for level applications
- Math functions capabilities
- Multi-pump alternation control
- Signal input conditioning for flow & level
- 32-point, sq. root, or exp. linearization
- 4-20 mA analog output option (up to 3)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & ScanView programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules

PD6100 PROVu® Strain Gauge Meter

IMPROVED



PROVu®
SERIES



SPECIFICATIONS

Input	15, 30, 150, 300 mV unipolar; ± 15 , ± 25 , ± 150 , ± 250 mV bipolar; Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- 5 or 10 VDC sensor excitation
- Supports up to twelve 350 Ω load cells (minimum load resistance of 28 Ω)
- Capture or programmable tare feature
- Auto-zero feature eliminates zero drift
- Ratiometric operation
- Max/min or peak/valley hold feature
- Dual-scale feature - single input
- Rounding to 1, 2, 5, 10, 20, 50, or 100

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6200 PROVu® Analog Input Flow Rate/Totalizer

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SPECIFICATIONS

Input	0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Isolated 24 VDC @ 200 mA transmitter power supply
- Displays rate and total simultaneously
- Count up or down, total & grand total
- Open channel flow with programmable exponent
- Total, grand total, or non-resettable grand total
- 32-point linearization
- On-board digital input (for remote reset)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6210 PROVu® Analog Input Batch Controller

IMPROVED



PROVu
SERIES



SPECIFICATIONS

Input	0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Isolated 24 VDC @ 200 mA transmitter power supply
- Start, batch, pause, & stop with front panel buttons
- Display batch total + rate, grand total, batch count or preset
- Single or multi-stage batching with up to 8 relays
- Automatic overrun correction
- Manual control or automatic batching
- On-board digital input (for remote reset)

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6262 PROVu® Dual Analog Input Flow Rate/Totalizer

IMPROVED



PROVu
SERIES



SPECIFICATIONS

Input	Dual 0-20 mA, 4-20 mA; ± 10 VDC (0-5, 1-5, 0-10 V); Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Display two flow inputs simultaneously
- Display rate & total simultaneously
- Math functions capabilities
- Isolated 24 VDC @ 200 mA transmitter power supply
- Count up or down, total & grand total
- Open channel flow with programmable exponent
- Total, grand total, or non-resetable grand total

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA output modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6300 PROVu® Pulse Input Flow Rate/Totalizer

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SERIES



SPECIFICATIONS

Input	Pulse, open collector, NPN, PNP, TTL, switch contact, sine wave (coil), square wave; Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- 5, 10, or 24 VDC flowmeter power supply
- Displays rate and total simultaneously
- Count up or down, total & grand total
- Gate function for rate display of slow pulse rates
- K-Factor, internal scaling, or external calibration
- Total, grand total, or non-resetable grand total

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6310 PROVu® Pulse Input Batch Controller

IMPROVED



PROVu
SERIES



SPECIFICATIONS

Input	Pulse, open collector, NPN, PNP, TTL, switch contact, sine wave (coil), square wave, Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- 5, 10, or 24 VDC flowmeter power supply
- K-Factor, internal scaling, or external calibration
- Start, batch, pause, & stop with front panel buttons
- Display batch total + rate, grand total, batch count or preset
- Single or multi-stage batching with up to 8 relays
- Automatic overrun correction
- Manual control or automatic batching

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6310-WM PROVu® Weights & Measures Batch Controller

IMPROVED



PROVu®
SERIES



SPECIFICATIONS

Input	Pulse, open collector, NPN, PNP, TTL, switch contact, sine wave (coil), square wave, Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- NTEP® Certified weighing and measuring device
- Mechanically secured programming
- Start, batch, pause, & stop buttons
- Display batch total + rate, grand total, batch count or preset
- Single or multi-stage batching with up to 8 relays
- Automatic overrun correction
- Manual control or automatic batching
- Count up or down, total & grand total

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6363 PROVu® Dual Pulse Input Flow Rate/Totalizer

IMPROVED



PROVu®
SERIES



SPECIFICATIONS

Input	Dual Pulse, open collector, NPN, PNP, TTL, switch contact, sine wave (coil), square wave; Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- Displays two inputs simultaneously
- Displays rate and total simultaneously
- Math functions capabilities
- 5, 10, or 24 V flowmeter power supply
- Count up or down, total & grand total
- Gate function for rate display of slow pulse rates
- K-Factor, internal scaling, or external calibration
- Total, grand total, or non-resetable grand total

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay, digital I/O, & dual 4-20 mA out modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD6400 PROVu® High Voltage & Current Meter

IMPROVED



PROVu
SERIES



SPECIFICATIONS

Input	High voltage: (channel V) 0-300 VDC or VAC; High current: (channel A) 0-5 AAC or ADC; Modbus PV (Slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-40 to 65°C

FEATURES

- **NEW** brighter display
- (1) high voltage and (1) high current Input
- Displays voltage and current simultaneously
- Multiplication for apparent power calculation

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models

PD7000 PROVu® Temperature Meter

IMPROVED



PROVu
SERIES



SPECIFICATIONS

Input	Thermocouple J, K, T, E, R, S, B, N, C; RTD 100 Ω Pt, 10 Ω Cu, 120 Ω Ni, 1,000 Ω Pt; Modbus PV (slave)
Display	Dual-line 6-digit, 0.60" (15 mm) & 0.46" (12 mm)
Enclosure	1/8 DIN, NEMA 4X/IP65 front
Power	85-265 VAC or 12-24 VDC option
Operating Temp	-20 to 65°C

FEATURES

- **NEW** brighter display
- 1° or 0.1° resolution
- Displays up to 3300°F
- Averages up to 10 RTD sensors
- Automatic cold junction compensation

PROGRAMMING SOFTWARE

- **NEW** on-board USB & MeterView® Pro programming software

OPTIONS

- 4-20 mA output with isolated 24 VDC
- 2 or 4 form C internal relays
- External 4-relay and digital I/O expansion modules
- RS-232 & RS-485 serial communications
- SunBright display models