

PD662 Survivor NEMA 4X Process Meter

SPECIFICATIONS

Input	4-20 mA
Display	3½+ digits 0.6" (15.24 mm)
Enclosure	NEMA 4X high impact plastic
Power	Loop-powered
V Drop	1.7 V 3.7 V with backlight
Operating Temp	-40 to 75°C (-55 to 75°C with heater)

FEATURES

- Maximum/minimum display
- Easy four-button programming
- ½" NPT conduit hole
- HART protocol transparent
- Multi-point linearization and square root function

OPTIONS

- Heater
- Loop-powered backlight



Survivor



PD683 Loop Leader® Process Meter

SPECIFICATIONS

Input	4-20 mA
Display	5-digit, 0.6" (15.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	Loop-powered
V Drop	2.0 V 5.7 V with backlight
Operating Temp	-30 to 65°C

FEATURES

- Loop-powered backlight standard
- Custom engineering units
- Maximum/minimum display
- Linear, square root or programmable exponent
- Bargraph display and trend arrow
- Shallow depth enclosure

OPTIONS

- PD688 intrinsically safe version



Loop Leader
Series



PD684 Loop Leader® Rate/Totalizer

SPECIFICATIONS

Input	4-20 mA
Display	5-digit, 0.6" (15.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	Loop-powered
V Drop	2.0 V 5.7 V with backlight
Operating Temp	-20 to 65°C

FEATURES

- Loop-powered backlight standard
- Custom engineering units
- Maximum/minimum display
- Linear, square root or programmable exponent
- Bargraph display and trend arrow
- Alternating rate/total display
- Open collector alarm or pulse output
- Shallow depth enclosure

OPTIONS

- PD689 intrinsically safe version



Loop Leader
Series



IMPROVED

PD685 NEMA 4X Process Meter

SPECIFICATIONS

Input	4-20 mA
Display	3½ digits, 1.0" (25.4 mm)
Enclosure	NEMA 4X high impact plastic
Power	Loop-powered
V Drop	1.0 V 4.0 V with backlight
Operating Temp	-40 to 80°C

FEATURES

- **NEW** Loop-powered backlight
- ½" NPT conduit hole (bottom)
- NEMA 4X IP67 high impact plastic enclosure

OPTIONS

- ½" conduit hole (rear, top, or none)
- PD686 FM and CSA approved



PD686 NEMA 4X Process Meter

SPECIFICATIONS

Input	4-20 mA
Display	3½ digits, 1.0" (25.4 mm)
Enclosure	NEMA 4X high impact plastic
Power	Loop-powered
V Drop	1.0 V
Operating Temp	-40 to 85°C

FEATURES

- ½" NPT conduit hole (bottom)
- NEMA 4X IP67 high impact plastic enclosure

OPTIONS

- ½" conduit hole (rear, top, or none)



Intrinsically safe and non-incendive

PD688 Loop Leader® Process Meter

SPECIFICATIONS

Input	4-20 mA
Display	5-digit, 0.6" (15.2 mm)
Enclosure	1/8 DIN NEMA 4X/IP65 front
Power	Loop-powered
V Drop	2.0 V 5.7 V with backlight
Operating Temp	-30 to 65°C

FEATURES

- Loop-powered backlight standard
- Custom engineering units
- Maximum/minimum display
- Linear, square root or programmable exponent
- Bargraph display and trend arrow
- Shallow depth enclosure

OPTIONS

- PD683 safe area version



Loop Leader
Series



Intrinsically safe and non-incendive

NEW

Simple. Capable.

Two-wire, loop-powered meters and totalizers with an information packed display for alarms, pump control, & retransmission



Key Benefits

- Loop-powered backlight
- Alphanumeric tag names
- Decimal, bargraph, and feet & inches displays
- Total display with commas
- Conformal coating protection
- Relay pump alternation
- Batch control relay operation

Standard Features

2
Open Collector
Outputs

2
Color
Backlight

2
Line
Display

1.5
Voltage
Drop

Optional Features

2
Solid State
Relays

1
4-20 mA
Analog Output

1
20-Segment
Bargraph

3
Display
Types

See what Loop Leader® has to offer
www.predig.com/loopleader



PD689 Loop Leader® Rate/Totalizer

SPECIFICATIONS

Input	4-20 mA		
Display	5-digit, 0.6" (15.2 mm)		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-20 to 65°C	V Drop	2.0 V 5.7 V with backlight



Loop Leader
Series



Intrinsically safe and non-incendive

FEATURES

- Loop-powered backlight standard
- Custom engineering units
- Maximum/minimum display
- Linear, square root or programmable exponent
- Bargraph display and trend arrow
- Alternating rate/total display
- Open collector alarm or pulse output
- Shallow depth enclosure

OPTIONS

- PD684 safe area version

PD6602 Loop Leader® Process Meter

NEW

SPECIFICATIONS

Input	4-20 mA		
Display	5-digit upper display 0.7" (17.8 mm), 8 alphanumeric character lower display 0.4" (10.1 mm) with commas		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-40 to 75°C	V Drop	1.5 V 4.5 V with backlight



Loop Leader
Series

FEATURES

- Loop-powered backlight standard
- Alphanumeric tag names
- Conformal coating for protection
- Shallow depth enclosure
- 2 open collector outputs standard
- Timer functions for OC and relays
- Relay pump alternation
- Relay runtime and cycle count
- Multi-point linearization, square root, exponential, and round horizontal tank input conditioning functions

OPTIONS

- 2 solid state relays
- 4-20 mA analog output

PD6603 Loop Leader® Feet & Inches Level Meter with Bargraph

NEW

SPECIFICATIONS

Input	4-20 mA		
Display	0.7" (17.8 mm) feet & inches upper display, 8 alphanumeric character lower display 0.4" (10.1 mm) with commas, & 20-segment bargraph		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-40 to 75°C	V Drop	1.5 V 4.5 V with backlight



Loop Leader
Series

FEATURES

- Loop-powered backlight standard
- Ft & In display ideal for level applications
- Displays up to 999 ft 11 in ¹⁵/₁₆
- Alphanumeric tag names
- Conformal coating for protection
- 20-Segment bargraph display
- Shallow depth enclosure
- 2 open collector outputs standard
- Multi-point linearization, square root, exponential, and round horizontal tank input conditioning functions

OPTIONS

- 2 solid state relays
- 4-20 mA analog output

PD6604 Loop Leader® Process Meter with Bargraph

NEW

SPECIFICATIONS

Input	4-20 mA		
Display	5-digit upper display 0.7" (17.8 mm), 8 alphanumeric character lower display 0.4" (10.1 mm) with commas, & 20-segment bargraph		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-40 to 75°C	V Drop	1.5 V 4.5 V with backlight



Loop Leader
Series

FEATURES

- Loop-powered backlight standard
- 20-Segment bargraph display
- Alphanumeric tag names
- Conformal coating for protection
- Shallow depth enclosure
- 2 open collector outputs standard
- Timer functions for OC and relays
- Relay pump alternation
- Multi-point linearization, square root, exponential, and round horizontal tank input conditioning functions

OPTIONS

- 2 solid state relays
- 4-20 mA analog output

PD6622 Loop Leader® Flow Rate/Totalizer

NEW

SPECIFICATIONS

Input	4-20 mA		
Display	5-digit upper display 0.7" (17.8 mm), 8 alphanumeric character lower display 0.4" (10.1 mm) with commas		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-40 to 75°C	V Drop	1.5 V 4.5 V with backlight



Loop Leader
Series

FEATURES

- Loop-powered backlight
- Display rate & total simultaneously
- Intuitive total display with commas
- Alphanumeric tag names
- Total, grand total, or non-resettable grand total
- Up to 13-digit total & grand total
- Conformal coating for protection
- 2 open collector outputs standard
- Shallow depth enclosure
- Batch control relay operation

OPTIONS

- 2 solid state relays
- 4-20 mA analog output

PD6624 Loop Leader® Flow Rate/Totalizer with Bargraph

NEW

SPECIFICATIONS

Input	4-20 mA		
Display	5-digit upper display 0.7" (17.8 mm), 8 alphanumeric character lower display 0.4" (10.1 mm) with commas, & 20-segment bargraph		
Enclosure	1/8 DIN, NEMA 4X/IP65 front		
Power	Loop-powered		
Operating Temp	-40 to 75°C	V Drop	1.5 V 4.5 V with backlight



Loop Leader
Series

FEATURES

- Loop-powered backlight
- 20-Segment bargraph display
- Display rate & total simultaneously
- Intuitive total display with commas
- Alphanumeric tag names
- Total, GT, or non-resettable GT
- Up to 13-digit total & grand total
- Conformal coating for protection
- 2 open collector outputs standard
- Shallow depth enclosure
- Batch control relay operation

OPTIONS

- 2 solid state relays
- 4-20 mA analog output

NEW

The Next Generation Large Display Meters & Controllers

The power of the PROVu[®] with a superluminous
sunlight readable display, 3X the digit height,
and visible from 100 feet away.

CE



HELIOS

www.predig.com/helios

PRECISION DIGITA



Dual-line 6-digit 1.8"
(46 mm) Display

Actual
Size



Superluminous
Display



Visible from
100 Ft Away



On-Board USB
Programming



IP65
Enclosure



Field Mountable,
Great for Outdoors

