

red lion Counters and Timers

CUB3 and CUB3T CUB3



The CUB3 is a battery-powered up counter for counting dry contact closures from switches or relay contacts. Built-in debounce circuitry ensures accurate counts up to 100 Hz. It can also be used with transistor closures and has a reset button on the front of the counter.

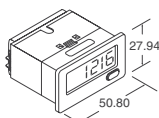
CUB3T

The CUB3T is a time display that will count the length of time that the inputs are connected together. Inputs are triggered using a dry contact switch to start the timing circuit. Time indicators require a supply voltage of 10 - 300VAC or DC. Rear reset only.

Description	Digi-Key Part No.	Price Each	Red Lion Part No.
CUB3 Count Indicator, 100 Hz, Replaceable N Cell Battery.....	RLC03-ND◆	32.40	CUB30000
CUB3 Count Indicator, 100 Hz, Built-in Lithium Battery.....	RLC04-ND	38.88	CUB3L000/A
Alkaline N Cell Battery for RLC03-ND	P147-ND◆	1.08	AM5X
CUB3T Time Indicator, 1 Hour or 60 Min., 10-300VAC or DC Input.....	RLC3TR-30-ND	47.52	CUB3T300
CUB3T Time Indicator, .1 Hour or 6 Min., 10-300VAC or DC Input.....	RLC3TR-31-ND	47.52	CUB3T310
CUB3T Time Indicator, .01 Hour or 60 Sec., 10-300VAC or DC Input.....	RLC3TR-32-ND	47.52	CUB3T320
CUB3T Time Indicator, .1 Min. or 6 Sec., 10-300VAC or DC Input.....	RLC3TR-33-ND	47.52	CUB3T330

◆ RoHS Compliant

CUB7 Series Counters and Timers CUB7/CUB7W



The CUB7 and CUB7W are 8-digit miniature counters with large 0.35" (8.89 mm) high digits. The LCD read-out is available in Positive Image Reflective, Negative Image Transmissive with yellow/green or red LED backlighting. The backlight version requires an external 9 - 28VDC power supply. The CUB7 series is housed in a lightweight, high-impact plastic case with a clear viewing window. The sealed front panel with the silicone rubber reset button meets NEMA 4X/IP65 specifications for wash-down and/or dusty environments when properly installed. The CUB7W accepts most machine control voltage signals. The input accepts AC or DC control voltages from 10 - 300V at count speeds up to 30 counts per second (cps).

Features:

- Replaceable internal lithium battery provides up to 7 years of uninterrupted operation
- Front panel reset or remote reset
- Connections: Wire clamping screw terminals • Fits DIN standard cut-out 1.77" (45 mm) x 0.874" (22.2 mm) • Low speed count to 30 Hz from switch closure or O.C. transistor; High speed count to 10 kHz (CUB7)

CUB7T

Features:

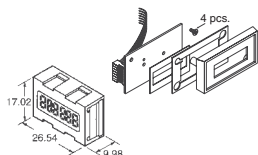
- 10 programmable timer ranges
- 8-digit LCD reflective display with "Timer Active" annunciator
- 0.35" (8.89mm) high digits
- Available in either contact or voltage versions
- Replaceable internal lithium battery provides up to 6 years of uninterrupted operation
- Both front panel program and reset buttons are individually enabled
- Connections: Wire clamping screw terminals
- Front panel and remote reset inputs
- NEMA 4X/IP65 sealed front bezel

Description	Digi-Key Part No.	Price Each	Red Lion Part No.
CUB7 Counter, Reflective LCD, Dry-contact Input.....	RLC700-ND◆	51.84	CUB70000
CUB7 Counter, Yellow/Green Backlight LCD, Dry-contact Input.....	RLC701-ND◆	73.44	CUB70010
CUB7 Counter, Red Backlight LCD, Dry-contact Input	RLC702-ND	73.44	CUB70020
CUB7 Counter, Reflective LCD, 10-300VAC or DC Input	RLCW70-ND◆	56.16	CUB7W000
CUB7 Time Indicator, Reflective LCD, Dry-contact Input.....	RLC7T0-ND◆	48.60	CUB7T000
CUB7 Time Indicator, Reflective LCD, 10-300VAC or DC Input	RLC7T1-ND	48.60	CUB7T100

◆ RoHS Compliant

SUB-CUB 1 and 2 Counters SUB-CUB 1 and 2

SUB-CUB 1 and 2 are component-type up counters designed to be snapped down onto a standard 1/16" PCB. Solderless elastomeric pads contact copper pads on the PCB for inputs, reset and display latch and test functions. Solderless connections are corrosion-proof, gas-tight interface contacts for high reliability. Ultra low power (5V at 15µA typical) and latching display with automatic leading zero blanking. Ideal in applications for register status and usage, maintenance, diagnostics, time-duration or period readouts.



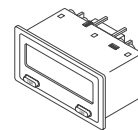
SUPER SUB-CUB

SUPER SUB-CUB provides all the capabilities of SUB-CUB 1 and 2, plus four operating modes capable of bi-directional counting, quadrature counting, coincidence counting and anti-coincidence adding and subtracting. Optional bezel mounting kit provides a crisp, clean panel-mount option for panel-mounted applications.

Description	Digi-Key Part No.	Price Each	Red Lion Part No.
SUB CUB I and II			
Evaluation Kit for Counter Testing (Counter Sold Separately).....	RLC01-ND	57.24	DM-OSC-B01/A
Mounting PCB for Display Counter to Evaluation Kit	RLC02-ND◆	10.80	DM-OSC-B02/A
Display Counter, 2" (5.08mm) High Digits	RLC1000-ND◆	24.84	SCUB-1000
Display Counter, 35" (8.89mm) High Digits	RLC2000-ND◆	31.32	SCUB-2000
Panel Bezel Kit with PCB and Cable for RLC2000-ND	RLC40-ND	22.68	HWK-40-000/A
SUPER SUB CUB — RoHS Compliant			
SUPER SUB-CUB Prototype PCB.....	RLC08-ND	15.12	DM-OSC-B03/A
Panel Bezel Kit without PCB or Cable for RLC05-ND, RLC07-ND, RLC2-8A-ND, RLC200A-ND and RLC2000-ND.....	RLC30-ND	11.88	HWK-30-000/A
Panel Bezel Kit with PCB and Cable for RLC200A-ND	RLC50A-ND◆	27.00	HWK-50-000/A

◆ RoHS Compliant

CUB5 Series



The CUB5 provides the ultimate in flexibility, from its complete user programming to the optional relay output capability. The meter can be programmed as a single or dual counter with rate indication capability. As a dual counter, each counter has a separate scale factor and decimal point. In the counter/rate indicator mode, each has its own scaling and decimal point read-out in different engineering units. The display can be toggled either manually or automatically between the selected displays. The CUB5 can be powered from an optional Red Lion Micro-Line/Sensor Power Supply (RLC124-ND) which attaches directly to the back of the CUB5. The RLC124-ND is powered from 85-250VAC and provides up to 400mA to drive the unit and sensors.

Features: • 0.46" (11.7mm) high digits • Reflective and backlight LCD versions: backlight version user selectable for green or red backlighting with variable display intensity • Counter programmable for one of 8 different count modes, including bi-directional and quadrature • Non-volatile EPROM memory retains all programming parameters and count values when power is removed • Meters can be fitted with an optional plug-in relay card which can be installed initially or at a later date

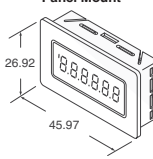
Specifications: • Display: 0 - 999999 • Over Range Display: "R OLLOL" • Maximum Frequency: 20 kHz; Minimum Frequency: 0.01 Hz • Accuracy: ±0.01% • Operating Temperature: -35°C - 85°C • Connections: Wire clamping screw terminals • Count/Rate Signal Input A: DIP switch selectable to accept pulses from variety of sources; Input B: Logic signals only

Description	Digi-Key Part No.	Price Each	Red Lion Part No.
CUB5 Dual Counter and Rate Indicator, Reflective Display	RLC121-ND	101.92	CUB5R000
CUB5 Dual Counter and Rate Indicator, Red-Green Backlight Display	RLC122-ND	113.36	CUB5R000
Setpoint Relay Option Card, SPDT, 1A Output	RLC123-ND	26.00	CUB5RLY0
Micro-Line/Sensor Power Supply	RLC124-ND	42.90	MLPS1000

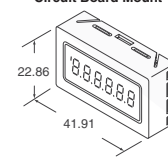
MDMU Counter/Timer/Tach

The MDMU is a complete 6-digit counter/timer/tach in a small panel mounted or printed circuit board (PCB) mounted package. It is designed to operate from a 5VDC power supply. It has a 6-digit LCD with 0.35" (8.89mm) high digits and 5 selectable decimal points. In the timer mode, a flashing annunciator is supplied to indicate that the signal input of the MDMU is active. The displays are available in Positive Image Reflective (black digits, reflective background) or Negative Image Transmissive (illuminated digits, dark background) with red or yellow/green backlighting.

Panel Mount



Circuit Board Mount



Counter Mode: It can be selected by setting the Mode Select Inputs to the appropriate levels (Hardware selection). A rate multiplier of 0.0001 - 1.9999 and a decimal point of 0 through 0.00000 can be selected using the Program mode. Decimal points may also be set using the DP Inputs (Hardware selection). Both the Count (CNT) and LSC inputs can be used. (Using the Program mode option causes the counter to increment on the opposite edge of the Input signal.)

Timer Mode: This mode and range can be selected by either setting the Mode Select Inputs to the appropriate levels (Hardware selection) or by selecting the range in the Program mode. The available timing range increments are 1 msec, 10 msec, 100 msec, 1 second, 0.1 minute, 1 minute, 0.01 hour, 0.1 hour, 1 hour, and hr:min:sec. The Timer Active annunciator will flash at a 2 Hz rate when the input to the timer is activated. Both the CNT and the LSC inputs can be used. The Inhibit (INH) input can be used to enable or disable Leading Zero Blanking (LZB).

Tach Mode: It can be selected by setting the Mode Select Inputs to the appropriate levels (Hardware selection). In the Tach mode, the MDMU operates as a fixed 1 second time base tachometer. In the Program mode, the time base can be set 1 through 7 seconds (in whole second increments). The rate multiplier can also be programmed from 0.0001 through 1.9999. Decimal points can be set from 0 through 0.00000. Decimal points may also be set using the DP inputs. Both the CNT and the LSC inputs can be used.

Features: • LCD: Positive Image Reflective or Negative Image Transmissive with yellow/green or red LED backlighting • Counter, timer and tach all in a single unit • Rate multiplier/prescaler from 0.0001 - 1.9999 in count and tach modes • 10 ranges in timer mode • Selectable decimal points • 5VDC powered • Panel mount or PCB mount

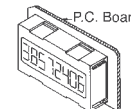
Description	Digi-Key Part No.	Price Each	Red Lion Part No.
Counter/Timer/Tach, Reflective Display, Panel Mount.....	RLCU00-ND◆	38.88	MDMU0000
Counter/Timer/Tach, Yellow Backlight Display, Panel Mount.....	RLCU01-ND	49.68	MDMU0010
Counter/Timer/Tach, Red Backlight Display, Panel Mount.....	RLCU02-ND◆	49.68	MDMU0020
Counter/Timer/Tach, Reflective Display, PCB Mount.....	RLCU10-ND	35.64	MDMU0100
Counter/Timer/Tach, Yellow Backlight Display, PCB Mount.....	RLCU11-ND	46.44	MDMU0110
Counter/Timer/Tach, Red Backlight Display, PCB Mount.....	RLCU12-ND	46.44	MDMU0120
MDM Cable Assembly	RLC70-ND	14.04	HWK70000

◆ RoHS Compliant

SUB-CUB 2-8A, D and T

SUB-CUB 2-8A

The SUB-CUB 2-8A is a completely self-contained 8-digit counter module for high speed counting, with counting rates to 750 kHz. Counters are designed to be snapped down onto a standard 1/16" PCB. Solderless elastomeric pads contact copper pads on the PCB for inputs, reset and display latch and test functions. Solderless connections are corrosion-proof, gas-tight interface contacts for high reliability.



SUB-CUB D

The SUB-CUB D is a 6-digit up/down counting, true quadrature counter. Mode select inputs and add, subtract, multiply and divide functions make this counter extremely flexible for different frequencies.

SUB-CUB T

The SUB-CUB T is a selectable counter/timer display. Counter mode is selectable for either low count input (with debounce) or high speed inputs (without debounce). In the timer mode, the unit is selectable in 4 timer modes from hours down to .1 minute resolution. Optional bezel mounting kit provides a crisp, clean panel-mount option for panel-mounted applications.

Description	Digi-Key Part No.	Price Each	Red Lion Part No.
SUB-CUB 2-8A			
8-Digit LCD component up counter	RLC2-8A-ND	44.28	SCUB28A0
Panel Bezel Kit with PCB and Cable for RLC2-8A-ND	RLC28-ND	24.84	HWK-28-000/A
SUB-CUB D — RoHS Compliant			
8-Digit Bi-directional Module with 6-Digit LCD Display	RLC05-ND	33.48	SCUBD-200/A
SUB-CUB D Prototype PCB.....	RLC09-ND	15.12	DM-OSC-B04/A
SUB-CUB T			
5 Digit Timer/Counter	RLC07-ND◆	32.40	SCUBT-200/A
Panel Bezel Kit without PCB or Cable for RLC05-ND, RLC07-ND, RLC2-8A-ND, RLC200A-ND and RLC2000-ND	RLC30-ND	11.88	HWK-30-000/A

◆ RoHS Compliant

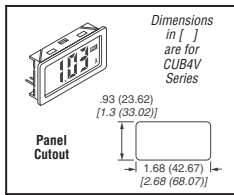
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red lion Miniature Display D.C. Voltmeter



MDMV Series: SPECIFICATIONS: • Display: 3-1/2-digit, 0.4" (10.2mm) high digits. A minus (-) sign is displayed when voltage is negative • Decimal Points: Selectable decimal points are activated at the rear terminal pins to allow the display to be read in tenths, hundredths or thousandths • Annunciators: 5 selectable annunciators, BAT, V, A, μ and m are activated at the appropriate rear terminal • Power Requirements: 4.8VDC - 6VDC @ 5mA Maximum • Input Range: 0 to \pm 199.9m VDC • Over-range Indication: Over-range is indicated by a "1" displayed in the most significant digit and the blanking of the three least significant digits • Reading Rate: 2 1/2 readings per second • Common Mode Rejection Ratio: 70dB • Input Impedance: 1000M Ω • Operating Range: 0°C - 60°C

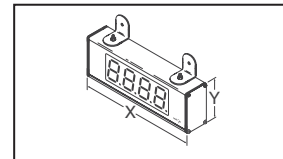
CUB4V Series: SPECIFICATIONS: • LCD, positive reflective or negative transmissive with yellow/green or red backlighting • Four selectable D.C. ranges (0-199.9 mV, 1.999 V, 19.99 V, 199.9 V) • 0.6" (15.24mm) high LCD digits • Built-in scaling provided • Auto-zeroing circuit • Selectable decimal points • Wire connections made via screw clamp type terminals • Fits DIN standard cut-out 2.68" (68mm) x 1.30" (33mm) • NEMA 4X/IP65 sealed front panel bezel • 9 - 28VDC powered

Description	Digi-Key Part No.	Price Each		Red Lion Part No.
		1	5	
MDMV Series				
Panel Mt., Reflective Display	RLC000-ND	40.80	39.78	MDMV0000
Panel Mt., Ylw./Grn. Backlight Display	RLC010-ND	53.60	52.26	MDMV0010
Panel Mt., Red Backlight Display	RLC020-ND	53.60	52.26	MDMV0020
PC Board Mt., Reflective Display	RLC100-ND	37.60	36.66	MDMV0100
PC Board Mt., Ylw./Grn. Backlight Display	RLC110-ND	51.20	49.92	MDMV0110
PC Board Mt., Red Backlight Display	RLC120-ND	51.20	49.92	MDMV0120
MDM Cable Assembly	RLC70-ND	14.04	13.69	HWK70000
CUB4V Series - RoHS Compliant				
DC Voltmeter	RLC4V0-ND	104.00	—	CUB4V000
DC Voltmeter, Ylw./Grn. Backlight Display	RLC4V1-ND	115.44	—	CUB4V010
DC Voltmeter, Red Backlight Display	RLC4V2-ND	115.44	—	CUB4V020

• RoHS Compliant

LD Series Large Display Counters and Timers

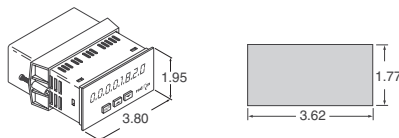
Red Lion's low cost large digit displays are available in either large 2.25" (57.15mm) red LED digit height or very large 4.0" (101.60mm) red LED digit height. Choose either a single counter function or single timer function that is housed in a NEMA 4 case construction and features adjustable brightness control, 85 - 250VAC power input and selectable high or low frequency (0.01 Hz - 35kHz) inputs. Perfect for industrial settings such as factory displays, outside displays or long distance displays.



Description	Dimension - Inch (mm)		Digi-Key Part No.	Price Each	Red Lion Part No.
	X	Y			
4.0" (101.60mm) High 4 Digit Red LED Counter, 120VAC	20.0 (508.0)	7.875 (200.0)	RLC118-ND	504.40	LD400400
4.0" (101.60mm) High 6 Digit Red LED Timer, 120VAC	26.0 (660.4)	7.875 (200.0)	RLC125-ND	660.40	LD4T06P0

PAX Lite Meters

Dimensions in inches



PAX LITE DC Current and Voltmeters



PAX Lite Current and Volt Meters are premium quality instruments designed for tough industrial applications. With multi-range capability, built-in provision for scaling, and DIP switch selectable decimal points, these meters offer the ultimate in application flexibility. Two models cover your voltage and current indicator needs. The meter can provide direct readout from pressure, speed or flow transducers, or any other variable that can be translated to voltage or current. The built-in scaling allows the display to be scaled to the desired engineering unit.

Specifications: • Power: 115/230VAC, switch selectable, 50/60 Hz • Input Ranges/Resolution: Selectable by jumper connections • Accuracy: • DC Voltmeters: 1 mV, 10 mV, 100 mV or 1 V • DC Current Meters: 199.9 μ A/199.9 mV, 1.999 mA, 19.99 mA, 199.9 mA or 1.999 A • Over-Range Indication: on all modes is indicated by blanking 3 least significant digits

RLC105-ND (PAXLID00) PAX LITE DC Current, 3 1/2-Digit, LED Meter	\$109.20
RLC107-ND (PAXLVD00) PAX LITE DC Voltmeter, 3 1/2-Digit, LED Meter	\$109.20

PAX LITE 600 VAC Voltage Monitor



The Model PAXLHV is designed for AC voltage monitoring. The half-wave rectified input signal is calibrated to indicate the RMS value of a pure sinusoidal wave-form. The front bezel meets NEMA 4X/IP65 requirements when properly installed.

Specifications: • Power: 115/230VAC, switch selectable, 50/60 Hz • Input Range: 0 - 600VAC maximum • Resolution: 1VAC • Operating Temperature Range: 0°C - 60°C • Reading Rate: 400 msec., nominal • Response Time: 1 second nominal for a step change input

RLC111-ND (PAXLHV00) AC Voltage Monitor, 3-Digit, LED Meter	\$154.96
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PAX LITE 5A AC Current Meter



PAX LITE 5 Amp AC Current Meter provides the capability of measuring large AC currents. The internal current shunt in the PAXLIT can measure up to 5 Amps AC current directly. Using an external current transformer, AC currents of up to 1,999 Amps can be measured and displayed. The PAXLIT can be scaled, using the scaling potentiometer to display between 200 and 1999 when measuring full scale current. Using the DIP switch selectable decimal points, the display can be customized for direct readout for practically any application

Specifications: • Display: 3 1/2-digit, 0.56" (14.2 mm) high, 7-segment LED; Decimal points inserted before 1st, 2nd, or 3rd least significant digits by DIP switch selection. • Power: 115/230VAC, switch selectable, 50/60 Hz • Range: 0 - 5 Amps AC @ 45 - 400 Hz • Accuracy: \pm (0.5% of reading + 5 digits) • Over-Range Indication: indicated by blanking 3 least significant digits • Maximum Shunt Current: 50 Amps for 1 second; 8 Amps continuous • Operating Temperature: 0°C - 60°C

RLC109-ND (PAXLIT00) PAX LITE Large AC Current, 3 1/2-Digit, LED Meter	\$154.96
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PAX LITE Counter

The PAX Lite Counter, Model PAXLC, is a versatile totalizing counter that can be adapted to a wide variety of counting, measuring and positioning readout applications. The unit features a programmable scale factor, front panel and remote reset, store, inhibit and a count rate of 25 kHz, while offering an economical solution to any totalizing need. The PAXLC accepts digital inputs from a variety of sources including switch contacts, NPN-OC and TTL outputs, as well as most standard Red Lion sensors. The input can be scaled to display any desired unit of measure by simply using the programmable scale factor.

Specifications: • Overflow indicated by flashing dot to the right of digit. Decimal points are programmed by front panel keys. • AC Power: 115/230VAC, switch selectable, 50/60 Hz • DC Power: 10 - 16VDC @ 0.1 A maximum • Keypad: 3 programming keys, the (Down Arrow) key can also function as the front panel reset button • Count Input: DIP switch selectable • Filter: Damping capacitor provided for switch contact bounce. Limits input frequency to 50 Hz and input pulse widths to 10 msec. minimum • Maximum Count Rate: 25 kHz maximum

RLC102-ND (PAXLC800) PAX LITE Counter, 8-Digit, LED Meter	\$157.04
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PAX LITE Rate Meter



The PAX Lite Rate Meter, Model PAXLR, provides the versatility and flexibility needed to accommodate virtually any rate measuring application. The meter has the ability to scale for direct readout in terms of the units being measured. Whether a machine produces bottles, cloth, wire or beverage mix, operation is enhanced when the rate readout is expressed directly in bottles/minute, feet/minute, gallons/minute or whatever units are needed in plant applications. The PAXLR can accommodate magnetic pickups, logic sensors and NPN open collector sensors. The meter is programmed through both the front panel buttons and DIP switches. Once the programming is complete, the front panel buttons can be disabled by a DIP switch setting.

Specifications: • Decimal points are programmed by front panel keys. • AC Power: 115/230VAC, switch selectable, 50/60 Hz • DC Power: 10 - 16VDC @ 0.1 A maximum • Keypad: 3 programming keys; Outputs, Magnetic Pickups and all standard Red Lion sensors • Input Frequency Range: • Maximum Frequency: 25 kHz • Minimum Frequency: 0.01 Hz • Accuracy: \pm 0.01% • Memory: Nonvolatile E2PROM retains all programmable parameters and display values. • Operating Temperature: 0°C - 60°C

RLC103-ND (PAXLR000) PAX LITE Rate, 6-Digit, LED Meter	\$148.72
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PAX LITE Process Time Meter



The PAX Lite Process Time Meter, Model PAXLPT, displays a value representing the time between a beginning and end point of a process, such as a conveyor oven. The PAXLPT's display will update inversely in relation to the input signal frequency. As input frequency increases (representing speed), the PAXLPT time display will decrease indicating a reduction in the duration of process time. For example, the bake time through an oven will decrease the faster the conveyor runs. The display can be programmed for two operating modes. Operating in the 6 digit mode, the PAXLPT can readout in any whole value, such as seconds, minutes or hours. This mode also provides capability for decimal points. The 5 digit mode functions as a chronometer, which has a maximum display value of 999.59. This formats the display to allow the meter to readout in hours and minutes, minutes and seconds, etc.

Specifications: • AC Power: 115/230VAC, switch selectable, 50/60 Hz • DC Power: 10 - 16VDC @ 0.1 A maximum • Keypad: 3 programming keys • Input: DIP switch selectable; accepts pulses from a variety of sources including NPN-OC, PNP-OC, TTL Outputs, Magnetic Pickups and all standard Red Lion sensors. • Maximum input voltage: \pm 40 V peak, 30 Vrms • Input Frequency Range: • Maximum frequency: 25 kHz • Minimum frequency: 0.05 Hz • Accuracy: \pm 0.02% • Memory: Nonvolatile E2PROM retains all programmable parameters. • Operating Temperature: 0°C - 60°C

RLC104-ND (PAXLPT00) PAX LITE Process Time, 6-Digit, LED Meter	\$227.67
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PAX LITE Current Loop Meter



With its high sensitivity and programmability, the PAX Lite Current Loop Meter can be set up for a wide variety of applications. In most plants the PAXLCL can be used for 90 to 95% of current loop meter needs for readout of pressure, flow, temperature, level and other variables. The meter has been specifically designed for harsh industrial environments.

Specifications: • Over-Range Indication: Indicated by blanking 3 least significant digits • Power: AC Power: 85 - 250VAC, 50/60 Hz, 6VA • Isolation: 2300 Vrms for 1 minute between input and supply (300V working voltage) • Input Sensitivity: (Numerical Readout Change/mA) 260 units/mA @ 4 - 20 mA input, 105 units/mA @ 10 - 50 mA input (maximum allowable input current, 170 mA) • Input Resistance: 4 - 20 mA - 29.2 Ω , 10 - 50 mA - 11.8 Ω • Span: 32 coarse steps (binary progression with 5 DIP switches) Each step providing approximately 8.125 numerical units/mA/step sensitivity for 4 - 20 mA input and 3.25 units/mA/step for 10 to 50 mA input.

RLC112-ND (PAXLCL00) PAX LITE Current Loop, 3 1/2-Digit, LED Meter	\$154.96
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PAX LITE RTD Meter

The PAX Lite RTD Meter accepts standard RTD inputs and precisely linearizes them into temperature readings. A full 4-digit display accommodates a wide range of temperature inputs. State-of-the-art digital circuitry virtually eliminates errors due to drift. The meter features a readout choice of either Fahrenheit or Celsius with 0.1 or 1 degree resolution. English Style display prompts and front panel buttons aid the operator through set-up and operation.

Specifications: • Power: 85 - 250VAC, 50/60 Hz • Controls: Three front panel push buttons for meter set-up; rear terminal input for disabling the front panel • Resolution: 0.1 or 1 degree • Range: Decimal Point Dependent 0.1° res: -199.9°C - 850.0°C (-199.9°F - 999.9°F); 1° res: -200°C - 850°C (-328°F - 1562°F) • Open/Shorted RTD Detection: Display flashes: "LOLO" or "OLUL" • Accuracy: 0.3°C, @ 23°C and 30 minutes warm-up • Reading Rate: 2.5 readings/second • Response Time: 2 seconds to settle for step input (increases with programmable digital filtering) • Low Frequency Noise Rejection: Normal Mode Rejection: 40 dB @ 50/60 Hz (may be improved by programmable digital filtering) • Common Mode Rejection: 120 dB, DC to 50/60 Hz. • Operating Temperature Range: 0°C - 50°C

RLC115-ND (PAXLRT00) PAX LITE RTD, 4-Digit, LED Meter	\$193.44
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More Product Available Online: www.digikey.com

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