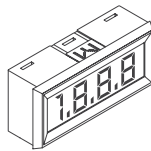
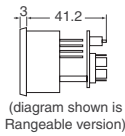


Voltage and Process Meters

C-TON's industrial digital meters intended as replacement meters for many popular panel and process meters. Wide range of input voltages, display options and user selectable annunciators make these meters universal for use as voltmeters, temperature readings, pressure readings and percentage displays.



5 year Unconditional Warranty

SPECIFICATIONS:

- **Display Type:** .45" (11.4mm) 7 segment LCD
- **Annunciators:** °F, °C, PSI, %, user selectable
- **Decimal Points:** User selectable
- **Panel Cutout:** 1" x 2.4"
- **Panel Clearance Required:** 1.25" (31.75mm)
- **Input Ranges:** ±200mVDC, ±2VDC, ±20VDC
- **Over/Under Range Indication:** 1.... / -1....
- **Configuration:** Bipolar Differential
- **Performance Conversion Rate:** 3 per second
- **Operating Temperature:** 0°C - 50°C
- **Power Supply:** 5VDC @ 3.5mA
- **Backlight Power:** 5VDC
- **Mounting:** Snap-in bezel
- **Connection:** 13 pins, 0.025" (.64mm) square on 0.100" (2.54mm) centers

PROCESS SPECIFICATIONS:

- Meter and loop powered PCB in one package
- **Panel Clearance Required:** 1.75" (44.45mm)
- **Input Range:** Fully scalable
- **Power Supply:** 4-20mA process loop
- **Optional Backlight Power:** 24VDC or 24VDC
- **Connection:** 2 pin screw terminals (4 pin with optional backlights)

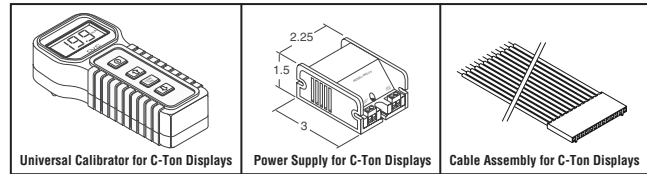
RANGEABLE VOLTAGE SPECIFICATIONS:

- 3.5 and 4.5 digit with high-contrast LCD display
- **Input Ranges:** 0-5VDC, 0-10VDC or 0-200mVDC (selectable)
- **Power Supply:** 12VDC or 24VDC regulated (selectable)
- **Optional Backlight Power:** 24VDC @ 24mA
- **Connection:** 6 screw terminal

Power Supply	Input	Digit Color	Backlit Voltage	Digi-Key Part No.	Price Each	1	10	50	C-Ton Part No.	Use Cable Assembly
3.5 Digit LCD										
+5	200mV	—	—	CDPM541-ND	39.80	37.81	34.83	DK541	J4C13	—
	2V	—	—	CDPM542-ND	39.80	37.81	34.83	DK542	J4C13	—
	20V	—	—	CDPM543-ND	39.80	37.81	34.83	DK543	J4C13	—
	20V	(-) Amber	5VDC	CDPM553-ND	49.78	47.30	43.56	DK553	J4C13	—
	2V	(-) Green	5VDC	CDPM562-ND	49.78	47.30	43.56	DK562	J4C13	—
	20V	(-) Green	5VDC	CDPM563-ND	49.78	47.30	43.56	DK563	J4C13	—
Loop	4-20mA	(-) Amber	24VDC	CDPM572-ND	49.78	47.30	43.56	DK572	J4C13	—
	4-20mA	(-) Red	24VDC	CDPM573-ND	49.78	47.30	43.56	DK573	J4C13	—
3.5 Digit Process										
Loop	4-20mA	—	—	CDPM191-ND	71.82	68.23	62.85	DK191	—	—
		(-) Amber	24VDC	CDPM192-ND	81.80	77.71	71.58	DK192	—	—
		(-) Green	24VDC	CDPM193-ND	81.80	77.71	71.58	DK193	—	—
		(-) Red	24VDC	CDPM194-ND	81.80	77.71	71.58	DK194	—	—
3.5 Rangeable										
12/24V	5/10V/200mV	(-) Green	24VDC	CDPM197-ND	81.80	77.71	71.58	DK197	—	—
		(-) Red	24VDC	CDPM198-ND	81.80	77.71	71.58	DK198	—	—
		—	—	CDPM199-ND	71.82	68.23	62.85	DK199	—	—
4.5 Digit LCD										
+5	200mV	—	—	CDPM741-ND	49.78	47.30	43.56	DK741	J4C13	—
	2V	—	—	CDPM742-ND	49.78	47.30	43.56	DK742	J4C13	—
	20V	—	—	CDPM743-ND	49.78	47.30	43.56	DK743	J4C13	—
	2V	(-) Amber	5VDC	CDPM752-ND	59.74	56.76	52.28	DK752	J4C13	—
	20V	(-) Amber	5VDC	CDPM753-ND	59.74	56.76	52.28	DK753	J4C13	—
	2V	(-) Green	5VDC	CDPM762-ND	59.74	56.76	52.28	DK762	J4C13	—
Loop	4-20mA	(-) Green	24VDC	CDPM790-ND	89.78	85.30	78.56	DK790	—	—
	4-20mA	(-) Red	24VDC	CDPM793-ND	98.76	93.83	86.42	DK793	—	—
4.5 Digit Process										
Loop	4-20mA	—	—	CDPM790-ND	89.78	85.30	78.56	DK790	—	—
		(-) Green	24VDC	CDPM793-ND	98.76	93.83	86.42	DK793	—	—
		(-) Red	24VDC	CDPM794-ND	98.76	93.83	86.42	DK794	—	—
4.5 Rangeable										
12/24V	5/10V/200mV	(-) Green	24VDC	CDPM797-ND	98.76	93.83	86.42	DK797	—	—
		(-) Red	24VDC	CDPM798-ND	98.76	93.83	86.42	DK798	—	—
		—	—	CDPM799-ND	89.78	85.30	78.56	DK799	—	—

◆ RoHS Compliant

Optional Accessories for all CTON Displays



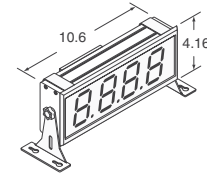
Description	Digi-Key Part No.	Price Each	1	10	50	C-Ton Part No.
Current and Voltage Calibrator — RoHS Compliant						
Programmable Current and Voltage Calibration Unit	CDPM1009-ND	149.00	—	—	—	CVC
Power Supplies						
5VDC Out, 300mA	CDPM1000-ND	20.90	19.86	18.29	—	PW2-5
12VDC Out, 200mA	CDPM1001-ND	20.90	19.86	18.29	—	PW2-12
24VDC Out, 100mA	CDPM1002-ND	20.90	19.86	18.29	—	PW2-24
Cable Assemblies — RoHS Compliant						
10 Pin Connector with 12" Wires, 26AWG	CDPM1003-ND	3.16	3.01	2.77	—	J1C10
13 Pin Connector with 12" Wires, 26AWG	CDPM1004-ND	3.16	3.01	2.77	—	J1C13
13 Pin Connector with 12" Wires, 26AWG	CDPM1005-ND	3.16	3.01	2.77	—	J4C13

◆ RoHS Compliant

Large Digit Voltage Meters

SPECIFICATIONS:

- **Display Digits:** 3.5 digits (±1999)
- **Set Voltage Ranges:** ±200mVDC, ±2VDC, ±20VDC
- **Adjustable Voltage Ranges:** 200mVDC, 5VDC, 10VDC
- **Offset Range:** -1999 - 1999
- **Gain Range:** 1 - 1000
- **4-20mA Loop Ranges:** 4 - 20mADC
- **Operating Temperature:** -10°C - 50°C
- **Power Supply:** 90 - 250VAC @ 12VA
- **Mounting:** 180° gimbal mounting with 30° stops, or bezel mount
- **Connection:** Screw terminals



Description	LED Color	Digi-Key Part No.	Price Each	10	50	C-Ton Part No.
2.3" Universal Current and Voltage Meter with Mounting Hardware	Red	CDPM1006-ND	349.00	—	—	BDR-999R
	Green	CDPM1007-ND	349.00	—	—	BDR-999G
	Blue	CDPM1008-ND	349.00	—	—	BDR-999B

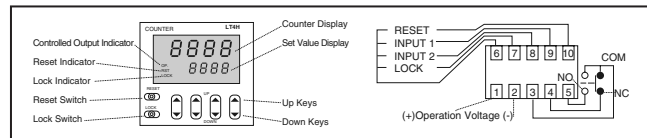
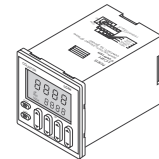
Panasonic Counters and Timers

Panasonic Electric Works

LC4H Digital Counters

Panasonic/Aromat's LC4H Digital Counters are presettable counters that will count up or count down until your preset count is reached, then trigger the internal relay to switch in one of seven output modes.

Features such as 2 color back-lit display and waterproof front panel display allow this counter to be used in extreme environments.



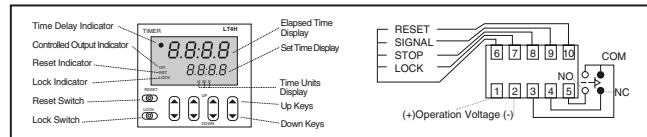
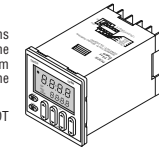
Operating Voltage	Terminal	Digi-Key Part No.	Price Each	1	25	50	Panasonic Part No.
100-240VAC	11 pin octal	255-1218-ND	113.42	102.08	96.41	—	LC4H-RA-AC240V
100-240VAC	Screw	255-1219-ND	118.24	106.42	100.51	—	LC4H-RA-AC240VS
12-24VDC	11 pin octal	255-1220-ND	108.08	97.28	91.87	—	LC4H-RA-DC24V
12-24VDC	Screw	255-1221-ND	105.50	94.95	89.68	—	LC4H-RA-DC24VS

◆ RoHS Compliant

LT4H Digital Timers

Panasonic/Aromat's LT4H Digital Timer is intended for process control for applications requiring duration time control such as delay-on/off, repeat cycle and start/stop time accumulation. The LT4H has features such as a bright 2 color back-lit display and EE-Prom memory, keeping your program settings without the need of an internal battery. The waterproof front panel keeps out dirt and water under poor operating conditions.

Timing from .001 second to 999.9 hours, with 8 modes of operation and built-in timed SPDT relay (5A 250VAC).



Operating Voltage	Terminal	Digi-Key Part No.	Price Each	1	25	50	Panasonic Part No.
100-240VAC	11 pin octal	255-1214-ND	111.28	100.16	94.59	—	LT4H-AC240V
100-240VAC	Screw	255-1215-ND	111.28	100.16	94.59	—	LT4H-AC240VS
12-24VDC	11 pin octal	255-1216-ND	104.00	93.60	88.40	—	LT4H-DC24V
12-24VDC	Screw	255-1217-ND	111.28	100.16	94.59	—	LT4H-DC24VS

◆ RoHS Compliant

More Product Available Online: www.digkey.com

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