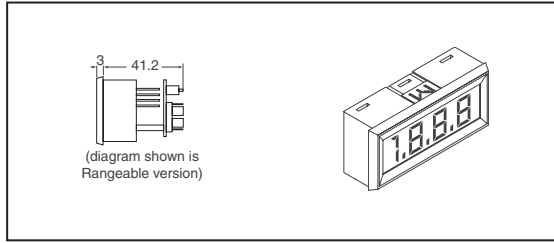




## Epic Series

### 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:** 5VDC or 24VDC • **Connection:** 2 pin screw terminals (4 pin with optional backlights)

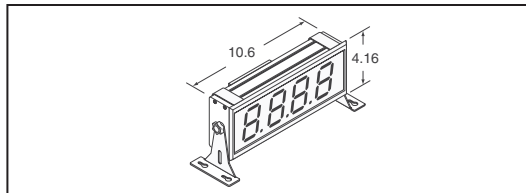
#### RANGEABLE VOLTAGE SPECIFICATIONS:

• 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.	1	Price Each 10	50	C-Ton Part No.	Use Cable Assembly
<b>3.5 Digit LCD</b>									
+5	200mV	—	—	CDPM541-ND	28.89	27.45	25.29	DK541	J4C13
	2V	—	—	CDPM542-ND	28.89	27.45	25.29	DK542	J4C13
	20V	—	—	CDPM543-ND	28.89	27.45	25.29	DK543	J4C13
	20V	(-) Amber	5VDC	CDPM553-ND	36.14	34.34	31.63	DK553	J4C13
	2V	(-) Green	5VDC	CDPM562-ND	36.14	34.34	31.63	DK562	J4C13
	20V	(-) Green	5VDC	CDPM563-ND	36.14	34.34	31.63	DK563	J4C13
	2V	(-) Red	5VDC	CDPM572-ND	36.14	34.34	31.63	DK572	J4C13
	20V	(-) Red	5VDC	CDPM573-ND	36.14	34.34	31.63	DK573	J4C13
<b>3.5 Digit Process</b>									
Loop	4-20mA	—	—	CDPM191-ND	52.14	49.54	45.63	DK191	—
		(-) Amber	24VDC	CDPM192-ND	59.39	56.42	51.97	DK192	—
		(-) Green	24VDC	CDPM193-ND	59.39	56.42	51.97	DK193	—
		(-) Red	24VDC	CDPM194-ND	59.39	56.42	51.97	DK194	—
<b>3.5 Rangeable</b>									
12/24V	5/10V/200mV	(-) Green	24VDC	CDPM197-ND	59.39	56.42	51.97	DK197	—
		(-) Red	24VDC	CDPM198-ND	59.39	56.42	51.97	DK198	—
		—	—	CDPM199-ND	52.14	49.54	45.63	DK199	—
<b>4.5 Digit LCD</b>									
+5	200mV	—	—	CDPM741-ND	36.14	34.34	31.63	DK741	J4C13
	2V	—	—	CDPM742-ND	36.14	34.34	31.63	DK742	J4C13
	20V	—	—	CDPM743-ND	36.14	34.34	31.63	DK743	J4C13
	2V	(-) Amber	5VDC	CDPM752-ND	43.37	41.21	37.95	DK752	J4C13
	20V	(-) Amber	5VDC	CDPM753-ND	43.37	41.21	37.95	DK753	J4C13
	2V	(-) Green	5VDC	CDPM762-ND	43.37	41.21	37.95	DK762	J4C13
	20V	(-) Green	5VDC	CDPM763-ND	43.37	41.21	37.95	DK763	J4C13
	2V	(-) Red	5VDC	CDPM772-ND	43.37	41.21	37.95	DK772	J4C13
	20V	(-) Red	5VDC	CDPM773-ND	43.37	41.21	37.95	DK773	J4C13
	<b>4.5 Digit Process</b>								
Loop	4-20mA	—	—	CDPM790-ND	65.18	61.93	57.04	DK790	—
		(-) Green	24VDC	CDPM793-ND	71.70	68.12	62.74	DK793	—
		(-) Red	24VDC	CDPM794-ND	71.70	68.12	62.74	DK794	—
<b>4.5 Rangeable</b>									
12/24V	5/10V/200mV	(-) Green	24VDC	CDPM797-ND	71.70	68.12	62.74	DK797	—
		(-) Red	24VDC	CDPM798-ND	71.70	68.12	62.74	DK798	—
		—	—	CDPM799-ND	65.18	61.93	57.04	DK799	—

◆ RoHS Compliant

### Large Digit Voltage Meters

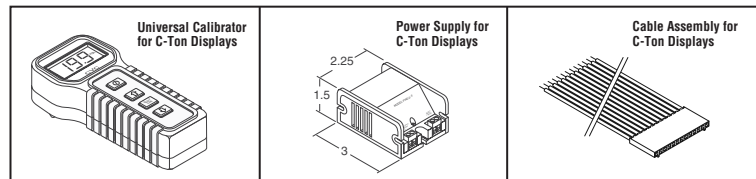


#### SPECIFICATIONS:

• **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 - 20mA DC • **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	C-Ton Part No.
2.3" Universal Current and Voltage Meter with Mounting Hardware	Red	CDPM1006-ND	253.37	BDR-999R
	Green	CDPM1007-ND	253.37	BDR-999G
	Blue	CDPM1008-ND	253.37	BDR-999B

### Optional Accessories for all C-Ton Displays



Description	Digi-Key Part No.	Price Each 1	10	50	C-Ton Part No.
<b>Current and Voltage Calibrator — RoHS Compliant</b>					
Programmable Current and Voltage Calibration Unit	CDPM1009-ND	108.17	—	—	CVC
<b>Power Supplies</b>					
5VDC Out, 300mA	CDPM1000-ND	15.17	14.42	13.28	PW2-5
12VDC Out, 200mA	CDPM1001-ND	15.17	14.42	13.28	PW2-12
24VDC Out, 100mA	CDPM1002-ND	15.17	14.42	13.28	PW2-24
<b>Cable Assemblies — RoHS Compliant</b>					
10 Pin Connector with 12" Wires, 26AWG	CDPM1003-ND	2.29	2.18	2.01	J1C10
13 Pin Connector with 12" Wires, 26AWG	CDPM1004-ND	2.29	2.18	2.01	J1C13
13 Pin Connector with 12" Wires, 26AWG	CDPM1005-ND	2.29	2.18	2.01	J4C13

◆ RoHS Compliant

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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