

MWM5-CNTUD-DCCB1F - Scalable Up/Down Counter, Wall Mount, Plastic 4.5x3.5x2.1 Surface Mount Enclosure, DC Powered, CB1 Female Sensor Connector.

MWM5-CNTUD-DCCB1F, SCALEABLE UP/DOWN COUNTER, WALL MOUNTABLE 4.5" x 3.5" x 2.2" BOX, CB1F CONNECTOR, DC POWER

<p>ENCLOSURE MATERIAL: 94V-2 NEMA 4X POLYCARBONATE</p> <p>DISPLAY: 8 DIGIT, 0.46" LED</p>	<p>PROGRAMMING: SHIPPED PROGRAMMED TO YOUR NEEDS</p>	<p>SENSOR CONNECTION FEMALE 4 PIN M12 MICRO 12V DC POWER TO SENSOR</p> <p>POWER CONNECTION MALE 2 PIN MULTI CON-X **MATE INCLUDED</p>
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OTHER OPTIONS AVAILABLE
*CONTACT US FOR QUOTE
-AC POWERED VERSION
-DUAL COUNT/QUADRATURE
-RELAY OUTPUT (1 SET-POINT)
-DIFFERENT CONNECTIONS

CC2: POWER CONNECTOR AND MATING CONNECTOR MULTI-CON-X 2 PIN

SENSOR CONNECTOR-FEMALE MATES WITH MALE END OF CB1 MATING CABLES

REV A

SENSOR CONNECTION

CB1F-P1, 4 PIN FEMALE PANEL-MOUNTED

CONNECTOR: Brad Harrison 8R4A00A18A120

1 BROWN
2 WHITE
3 BLUE
4 BLACK

MATES WITH MALE END OF CB1 CABLE SETS

Rev A

THIS COUNTER IS COMPATIBLE WITH SPEED, SPEED/DIRECTION, AND QUADRATURE DUAL OUTPUT SENSORS.

COUNTER DELIVERED PREPROGRAMMED FOR YOUR SENSOR TYPE

SINGLE CHANNEL SPEED SENSOR

Connections Chart	
Pin 1	Vcc
Pin 2	n/c
Pin 3	Ground
Pin 4	Digital Vout
CB1 - Speed Sensor	

QUADRATURE SENSOR

Connections Chart	
Pin 1	Vcc
Pin 2	Ch B Vout
Pin 3	Ground
Pin 4	Ch A Vout
CB1 - Quadrature	

SPEED AND DIRECTION SENSOR

Connections Chart	
Pin 1	Vcc
Pin 2	Direction Vout
Pin 3	Ground
Pin 4	Speed Vout
CB1 - SPEED/DIRECTION	

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CNTUD-DC, Electrical & Functional Specifications

ABSOLUTE MAX LIMITS	MIN	MAX	UNITS
Supply Voltage, Vcc	+9	+28	Volts DC
Rate Display Frequency	0.01	20000	Hz
Max.Count Rates (50% DC)	--	20	KHz

ELECTRICAL SPECS	CONDITIONS	MIN	MAX	UNITS
Temperature Range	Red Display level 1&2	-35	+75	Deg C
Input Current	Red Display (max)	--	115	mA
Humidity	Operating	0	85	%
Humidity	Storage	0	85	%
ESD	Contact Discharge	--	4	kV
ESD	Air Discharge	--	8	kV

COUNT/RATE SIGNAL INPUTS	VIL	VIH	Vmax	UNITS
Input A (Logic)	1.25 max	2.75 min	28.0	VDC
Input B (Logic)	1.0 max	2.4 min	28.0	VDC
USER Input (Internal 10K Pull-Up)	1.0 max	2.4 min	28.0	VDC
PROGRAMMED VALUES	MIN	MAX	PROG.	UNITS
PROGRAMMABLE SCALE FACTOR	0.0001	99.9999		COUNT
COUNTER RESET VALUE (DEF = 0)	0.0001	99.9999		COUNT
COUNTER RESET AT POWER UP (YES OR NO)				
UNITS DISPLAYED				

Rev A

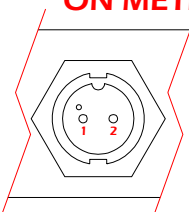
POWER CONNECTION

Connections Chart

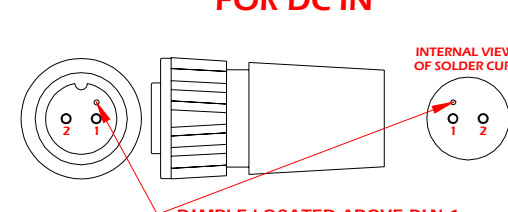
Pin 1	Vcc +
Pin 2	Gnd -
CC2-DC power	

CC2 and Mate, 2 pin Conxall Connector for DC Power

PANEL CONNECTOR
ON METER



MATING CONNECTOR
FOR DC IN



INTERNAL VIEW OF SOLDER CUPS

DIMPLE LOCATED ABOVE PIN 1 ON EACH SIDE OF CONNECTOR

Rev A
DIM=1INCH