

MWM5-TACH-DCCB1F - Digital Tachometer, Wall Mount, Plastic Weatherproof Enclosure, DC Powered, CB1F female connector.

MWM5-TACH-DCCB1F, DIGITAL TACHOMETER, WALL MOUNTABLE 4.5" x 3.5" x2.2" BOX, CB1F CONNECTOR, DC POWER

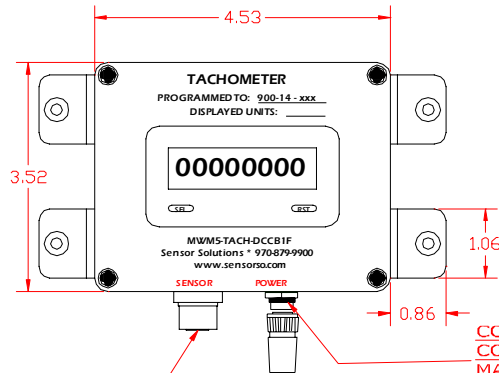
ENCLOSURE MATERIAL:
94V-2 NEMA 4X
POLYCARBONATE

PROGRAMMING:
SHIPPED PROGRAMMED
TO YOUR NEEDS

SENSOR CONNECTION
FEMALE 4 PIN M12 MICRO
12V DC POWER TO SENSOR

DISPLAY:
8 DIGIT, 0.46" LED

POWER CONNECTION
MALE 2 PIN MULTI CON-X
**MATE INCLUDED



OTHER OPTIONS AVAILABLE
*CONTACT US FOR QUOTE
-AC POWERED VERSION
-COUNT/QUADRATURE
-RELAY OUTPUT (1 SET-POINT)
-DIFFERENT CONNECTIONS

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

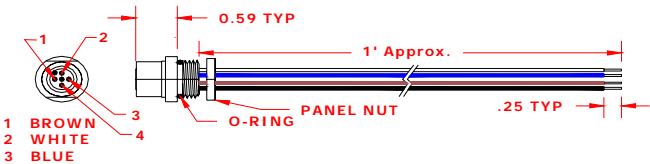
CC2: POWER
CONNECTOR AND
MATING CONNECTOR
MULTI-CON-X 2 PIN

REV A

SENSOR CONNECTION

CB1F-P1, 4 PIN FEMALE PANEL-MOUNTED

CONNECTOR: Brad Harrison 8R4A00A18A120



Rev A

MATES WITH MALE END OF CB1 CABLE SETS

DIM=INCH

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

TACHOMETER 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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TACH-DC, Electrical & Functional Specifications

ABSOLUTE MAX LIMITS	CONDITIONS	MAX	UNITS
Power	AC Input Voltage	9-28	Volts DC
Maximum Frequency	Operating	20	KHz
Minimum Frequency	Operating	0.01 (min)	Hz

ELECTRICAL SPECS	CONDITIONS	MIN	MAX	UNITS
Temperature Range	Operating	-35	+75	Deg C
Temperature Range	Storage/No Power	-35	+85	Deg C
Humidity	Operating/Storage	0	85	% RH
Vibration (x,y,z) direction	IEC 68-2-6	-----	500	Hz
Shock (x,y,z) direction	IEC 68-2-27	-----	40	g

PROGRAMMED PARAMETERS	MIN	MAX	PROGRAMMING	UNITS
Count or Rate	-----	-----		
Counter A: Scale	0.0001	99.999		
Counter A: Count Direction	Normal	Reverse		
Counter B: Scale	0.0001	99.999		
Counter B: Batch Count * (1 or 2 Setpoints)				
Rate: Scaling Display Value	0	999999		
Rate: Scaling Input Value	0.1	99999.9		
Rate: Low Update Time	0.1	99.9		sec
Rate: High Update Time (zero)	0.2	99.9		sec
* REQUIRES ADDITIONAL SETPOINT OUTPUT OPTION CARD				

Rev A

POWER CONNECTION

Connections Chart	CC2 and Mate, 2 pin Conxall Connector for DC Power	
Pin 1 Vcc +	PANEL CONNECTOR ON METER	MATING CONNECTOR FOR DC IN
Pin 2 Gnd -		
CC2-DC power	<p style="font-size: small;">INTERNAL VIEW OF SOLDER CUPS</p> <p style="font-size: small;">DIMPLE LOCATED ABOVE PIN 1 ON EACH SIDE OF CONNECTOR</p> <p style="font-size: x-small;">DIM=1INCH</p>	

Rev A