FM-CNTUD-DCTBC - Digital Counter, Scaleable directional up/down counts, Face Mount, DC Powered, terminal block connections.

FM-CNTUD-DCTBC, DIGITAL COUNTER, DIRECTION SENSITIVE, PANEL MOUNT TERMINAL BLOCK CONNECTIONS, DC POWER

EXPOSED MATERIAL:
NEMA 4X SEALED FRONT BEZEL

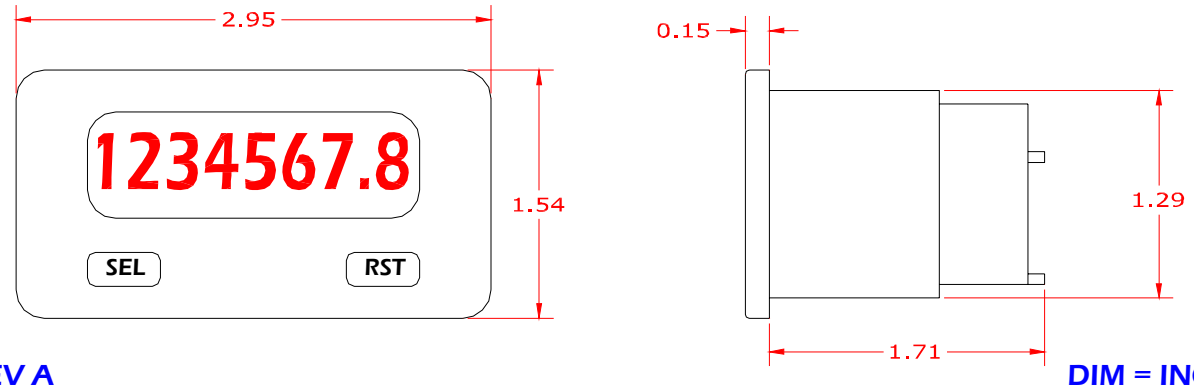
DISPLAY:
8 DIGIT, 0.46" LCD

PROGRAMMING:
SHIPPED PROGRAMMED TO YOUR NEEDS

CONNECTIONS
WIRE CLAMPING SCREW TERMINALS (30-14AWG)

OTHER OPTIONS AVAILABLE
*CONTACT US FOR QUOTE
-AC POWERED VERSION
-SCALED OUTPUTS
-RELAY OUTPUT (1 SET-POINT)
-MOUNTED IN WEATHERPROOF ENCLOSURE WITH SEALED CONNECTIONS

RECOMMENDED MINIMUM CLEARANCE (BEHIND PANEL) IS 2.15" Hx 3.00" W
RECOMMENDED MINIMUM PANEL CUTOUT DIMENSIONS: 1.3" H x 2.68" W

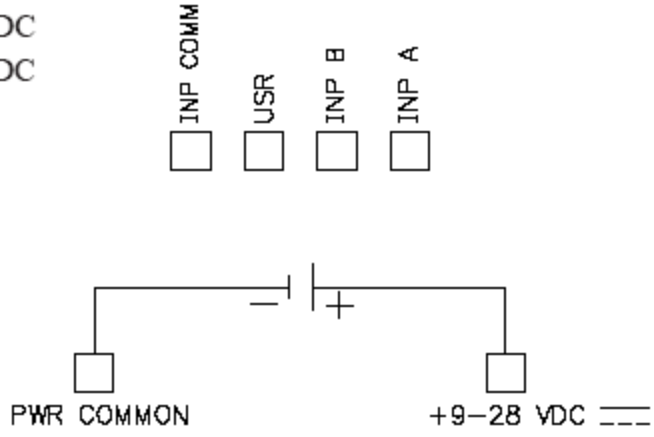


REV A

DIM = INCHES

POWER WIRING:

DC Power
+9 to +28 VDC: +VDC
Power Common: -VDC



FM-CNTUD-DCTBC - Digital Counter, Scaleable directional up/down counts, Face Mount, DC Powered, terminal block connections.

TACH-DC, Electrical & Functional Specifications

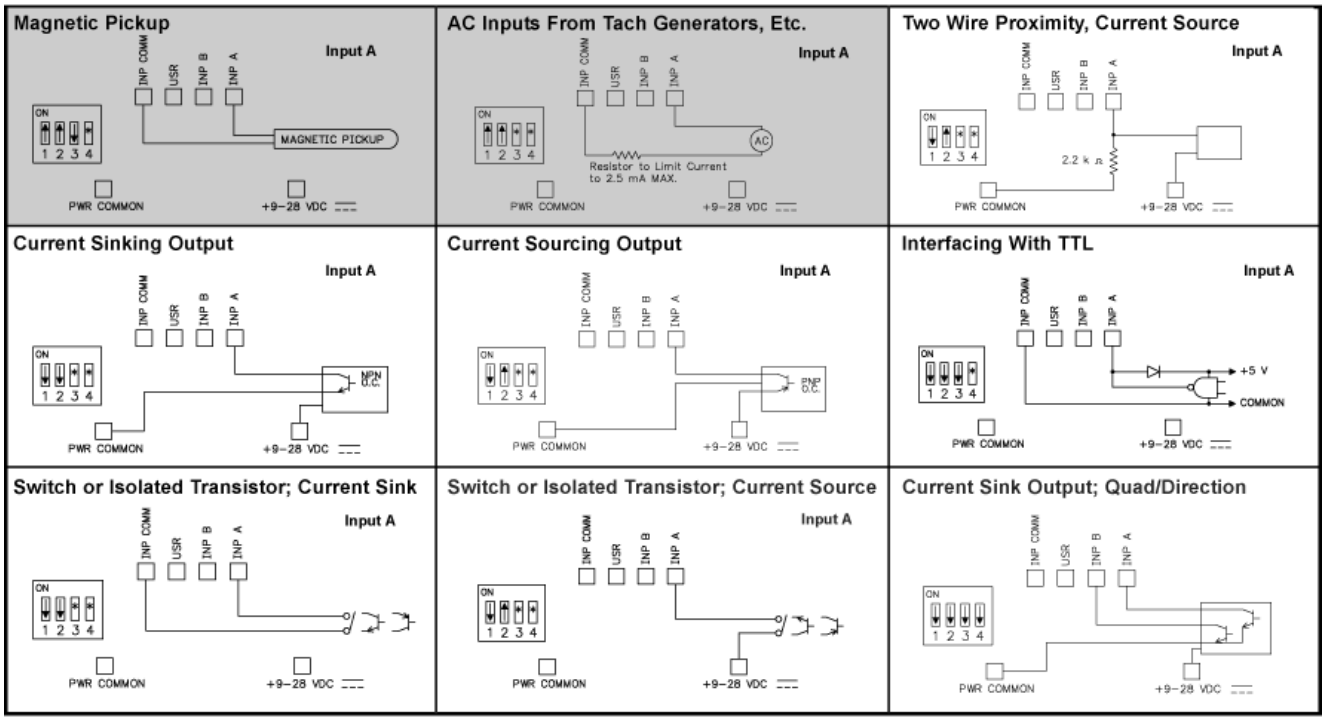
ABSOLUTE MAX LIMITS	CONDITIONS	MAX	UNITS
Power	AC Input Voltage	9-28	Volts DC
Maximum Frequency	Operating	20	KHz
Minimum Frequency	Operating	0.01 (min)	Hz

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

CAUTION: Power common (PWR COMMON) is NOT isolated from input common (INP COMM). In order to preserve the safety of the meter application, the power common must be suitably isolated from hazardous live earth referenced voltage; or input common must be at protective earth ground potential. If not, hazardous voltage may be present at the Signal or User Inputs and input common terminals. Appropriate considerations must then be given to the potential of the input common with respect to earth ground; and the common of the plug-in cards with respect to input common.



* *Switch position is application dependent.*

Shaded areas not recommended for counting applications.