

Impulse Counter Series CR 18

- 7-digit Compact Size
- High Accuracy and Reliability
- Requires no lubrication or maintenance
- Ideal where space is limitation
- Mounting options: Panel, PCB, REAR



X X X X X X X - X X

Product

E Non- Resettable Counter Series CR-18

Operating Voltage

DC
 1 12 V
 2 24 V
 3 48 V
 4 5 V

Connection

- A Lead wire with Molex connector {#39-01-4031, #39-00-0039}
- B Lead wire with Molex connector {#03-09-2022, #02-09-2116}
- C Lead wire, Black, 24AWG, 12" (305 mm) long.
- D Terminal Pin (PCB Mount)

Nil Set at "9999980"

A Set at "0000000"

B Set at "9999800"

C Supression Diode

D First wheel black, 6 Digit

Nil 10 Hz (12V), 20 Hz (24V) STD

25 25 Hz

30 30 Hz

Model

D FOR DC WITHOUT DIODE


Mounting Type

- 1 Behind panel (Screw mount) Ø 2.6 Holes
- 2 PCB Mount Straight
- 3 PCB Mount Right angle
- 4 Panel (Snap in)
- 5 Base Mount with base plate
- 6 Behind panel (4-40 UNC Tapping)
- 7 Rear Mount (M3 Tapping)

Example for ED12DAC

E CR-18
 D DC
 1 12 V
 2 PCB Mount Straight
 D Terminal Pin (PCB Mount)
 A Set at "0000000"
 C Supression Diode

Impulse Counter Series CR 18

Cat. No.	ED11C	ED17C	ED22D	ED23D	ED24C
Parameters					
Supply Voltage (\pm)	12 V DC		24 V DC		
Supply Variation	±10%				
Power Consumption (Max.)	1.2 W				
Figure	7 Digit, Black, 4.0 mm Height (With magnifying glass)				
Maximum Range	99,99,999				
Operating Life	10,000,000 counts minimum				
Speed (Counts / Minute)	600 (50ms-ON / 50ms-OFF)		1200 (25ms-ON / 25ms-OFF)		
Pulse Width (minimum)	50 ms		25 ms		
Type of Mounting	Behind the panel	Rear Mount	PCB mount (Straight)	PCB mount (Right angle)	Panel (Snap-in type)
Connection	Lead wire 24 AWG		Terminal PIN (Pitch : 10 mm)	Terminal PIN (Pitch : 3.80 mm)	Lead Wire 24 AWG
Panel Cutout	N.A				1.20'(30.48) x 0.96'(24.38) Panel thickness - 0.04'(1.0) to 0.08'(2.0)
Weight (unpacked)	142 g				
Operating Temperature	-5° C to +55° C (Non-Freezing)				
Humidity (Non Condensing)	45 to 85% (Rh)				
Display	0.12'(3.0) x 0.06' (1.6) - White & black background				
Counting Method	One pulse - One count (energizing - ½ count, unenergized - ½ count)				
Reset	None				
Shock test	Endurance: 300 m/s (30g) XYZ 5 times each direction, Total : 3, Mismovement : 50 m/s (5g) XYZ 4 times each direction, Total : 24.				
Vibrations test	Endurance: 16.7 Hz, Width : 4mm ; XYZ each direction for 1 hour Mismovement : 10~55 Hz, Width : 0.5mm ; XYZ each direction for 10 mins				
Degree of Protection	IP 30				
Construction	Cover : Plastic (Noryl UL94V-1), Black				
Approvals					

VIEWS OF DIFFERENT BEZELS



Screw mount



Panel (Snap-in type)



PCB mount (Straight)



Horizontal Base Mount

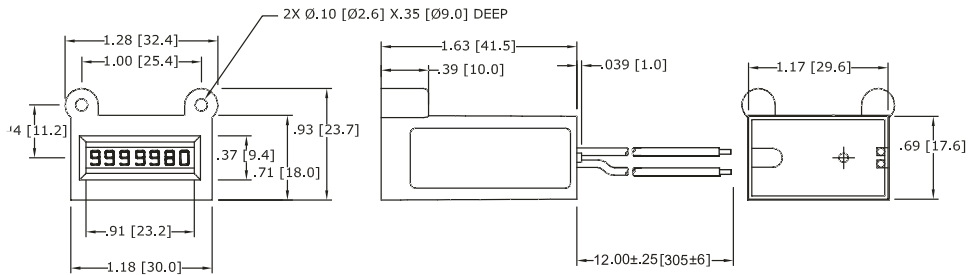


Screw Mount Behind the panel

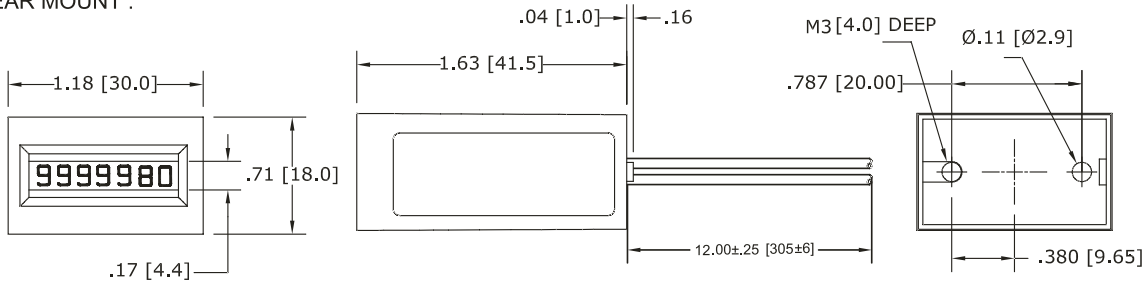
Impulse Counter Series CR 18

MOUNTING DIMENSION - INCH (mm)

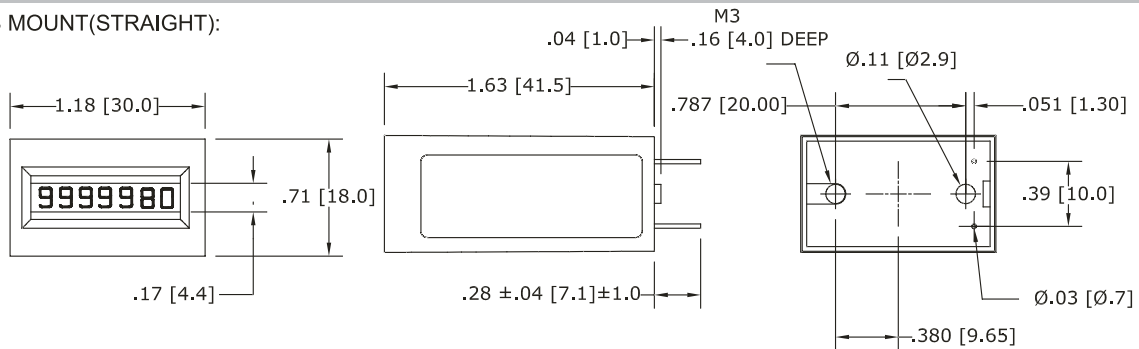
BEHIND THE PANEL (SCREW MOUNT):



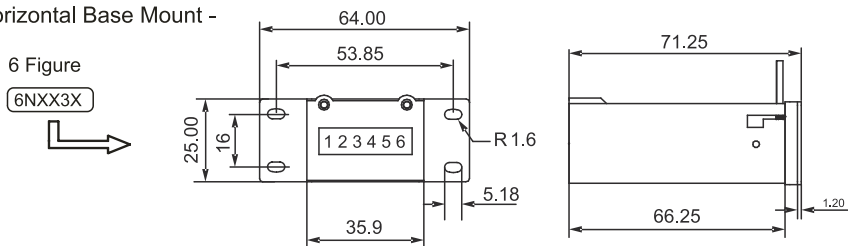
REAR MOUNT :



PCB MOUNT (STRAIGHT):



Horizontal Base Mount -



PANEL (SNAP-IN TYPE):

