

Etsilon



48 x 96mm

Count Totaliser CNT701

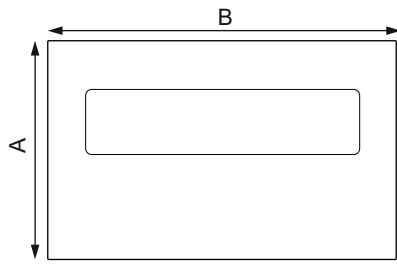
Applications

- ▶ Manufacturing assembly lines
- ▶ Shipping and logistics
- ▶ Event counting
- ▶ Printing industry
- ▶ Packaging industry

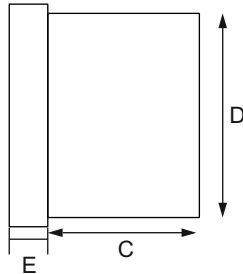
Features

- ▶ 6 digit, 7 segment LED count totaliser
- ▶ Rate, Count selectable through DIP switch
- ▶ Inbuilt sensor supply
- ▶ Front and terminal reset
- ▶ IP65 for faceplate

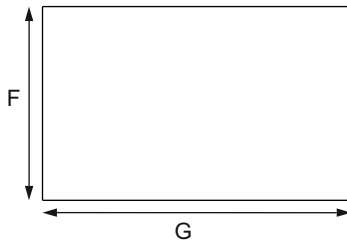
Dimensions (All are in mm)



Front bezel



Side view



Panel cutout

MODEL	DIM	A	B	C	D	E	F	G
CNT701		50	98	30	45	3	46	92

Terminal connection



Technical specifications

Display specifications

Display	6 digit, 7 segment LED count totaliser, Counter: 6 digits, Rate: 4 digits
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Input specifications

Sensor type	NPN/PNP
Input type	3 to 30V DC from proximity switches, Encoder, Potential free contact, Limit switches etc.
Input speed	Slow speed: 3 Hz High speed: 5 kHz

Output specifications

Sensor supply	12V DC @30mA (use external supply if current >30mA)
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Functional specifications

Range	Counter: 999999, Rate: auto ranging (4.00 to 9999 RPM)
Counting direction	Up
Memory retention	Yes
Reset	Front, Remote

Auxiliary supply specifications

Supply voltage	90 to 270V AC/DC, 50/60 Hz, 5VA max
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Environment specifications

Temperature	Operating: 0 °C to 50 °C (32 °F to 122 °F); Storage: -20 °C to 75 °C
Humidity (Non-condensing)	95% RH

Mechanical specifications

Mounting	Panel
Weight	100 gm

DIP switch setting

PARAMETERS	DIP SWITCH	ON	OFF
Mode	1	Rate	Counter
Speed Selection	2	Slow Speed	High Speed
Front Key Reset	3	Enable	Disable
Sensor Selection	4	NPN	PNP

DIP SWITCH SETTING EXAMPLE



Mode - Rate
Speed Selection - High Speed
Front Key Reset - Disable
Sensor Selection - NPN

NOTE : DIP switch for range and mode settings is on the Top of the Instrument.

Ordering information

Product code	Supply voltage
CNT701	90 to 270V AC/DC