



Features:

- 6 Digit Counter; 4 Digit Rate Indicator
- Programmable Input Scaling
- Inbuilt Sensor Supply

Size: 1/8 DIN 48mm X 96mm

Certifications:

Technical Specifications

Input Specifications

Sensor Type	PNP
Input Type	Voltage pulse (3 to 30V DC) from Proximity switches, Encoders, Solid state devices, Potential free contact
Input Speed	a) 0 to 30Hz b) 0 to 2.5kHz
Accuracy	Rate: 0.05% ± 2 counts
Scale Factor	0.00001 to 9.99999 × 10 ⁿ n = -3, -2, -1, 0, 1, 2
Reset	Front, Remote

Output Specifications

Sensor Supply	Inbuilt, 12V DC, 30mA
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Functional Specifications

Range	Count: 9999.99, 99999.9, 999999 (user selectable) Rate: 4.00 to 9999 RPM
Counting Direction	Unidirectional (Up)
Memory Retention	Current count value: 1 year Parameter setting: 10 years

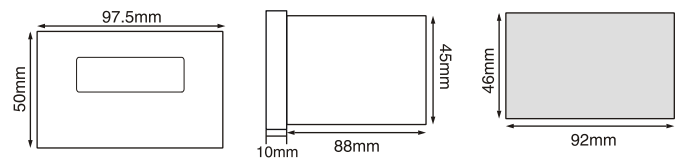
Supply Voltage

Supply Voltage	85 to 270V AC/DC (AC : 50 / 60Hz)
Power Consumption	5VA max

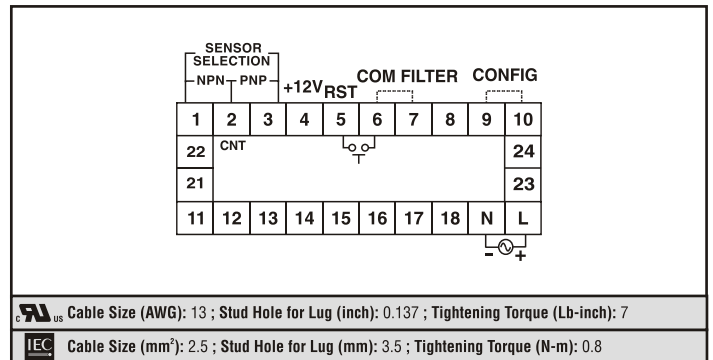
Environmental Specifications

Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: -20 to 75°C (-4 to 167°F)
Humidity (non-condensing)	95% RH
Weight	200 gms (0.440 lbs)
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



Cable Size (AWG): 13 ; Stud Hole for Lug (inch): 0.137 ; Tightening Torque (Lb-inch): 7

Cable Size (mm²): 2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.8

Ordering Information

This product is available in certified (UL and CE) as well as in non-certified (without UL/CE marking) types. Please order as per the requirement.

Part No.	Supply Voltage	Certification
RC102C	85 to 270 V AC/DC	
RC102C-CU	85 to 270 V AC/DC	
RC102C-24	24 V AC/DC	
RC102C-24-CU	24 V AC/DC	