



Features:

- 6 Digit Counter; 5 Digit RPM Indicator
- LED Status Indicator: Relay 1, Relay 2
- 2 Setpoints
- Programmable Input Scaling
- Up, Down, Quadrature & Bi-directional

Size: 1/8 DIN 48mm X 96mm

Certifications:  

Technical Specifications

Input Specifications

| | |
|--------------|--|
| Sensor Type | NPN |
| 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 c) 0 to 5kHz (for up & down mode only) |
| Accuracy | Rate: 0.05% ± 2 counts |
| Scale Factor | 0.00001 to 9.99999 x 10 ⁿ n = -5, -4, -3, -2, -1, 0, 1, 2 |
| Reset | Front (user selectable), Remote |

Output Specifications

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|----------------|---|
| Sensor Supply | Inbuilt, 12V DC, 30mA (short circuit protected) |
| Output Contact | DPDT (2 C/O) |
| Contact Rating | 5A @ 230V AC / 24V DC |

Functional Specifications

| | |
|---------------------|--|
| Modes | ON delay / Interval delay / Auto reset / Time pulse repeat |
| Range | Count: Selectable least count 0.0001, 0.001, 0.01, 0.1 & 1 Rate: Auto ranging 4.00 to 99999 RPM or RPH mode |
| Counting Directions | Up, Down, Bidirectional, Quadrature |
| Memory Retention | Yes |

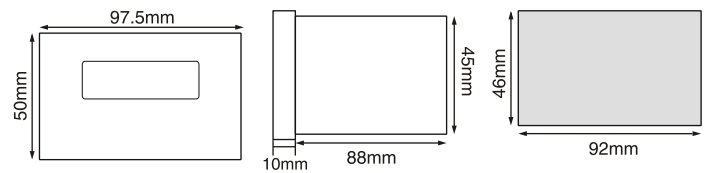
Supply Voltage

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

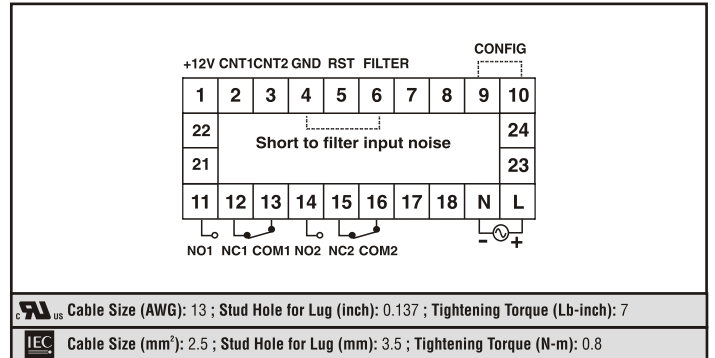
Environmental Specifications

| | |
|---------------------------|--|
| 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 | 230 g (0.507 lbs) |
| Protection Level | IP65 for faceplate |

Dimensions





Terminal Connections



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 |
|-----------|-------------------|---|
| XC1200 | 85 to 270 V AC/DC | |
| XC1200-CU | 85 to 270 V AC/DC |   |