XC1200

Multifunction Counter

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: CE cULus E253771

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

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

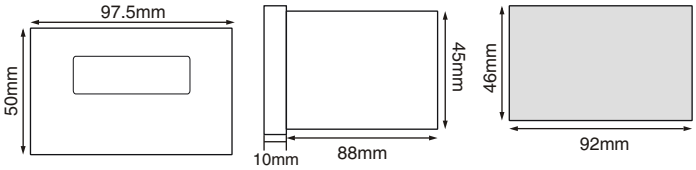
Supply Voltage

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

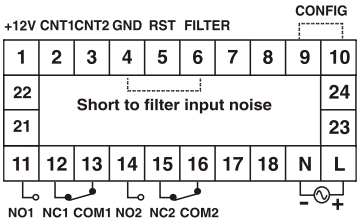
Environmental Specifications

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



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

IEC **Cable Size (mm^2):** 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
XC1200	85 to 270 V AC/DC	
XC1200-CU	85 to 270 V AC/DC	CE cULus E253771

Select Automation
Tuning your needs
An ISO 9001:2008 Certified Company

sales@selectautomation.net
www.selectautomation.net

SELEC Creating Best Value
Authorised System Integrator