




48 x 96mm

Features :

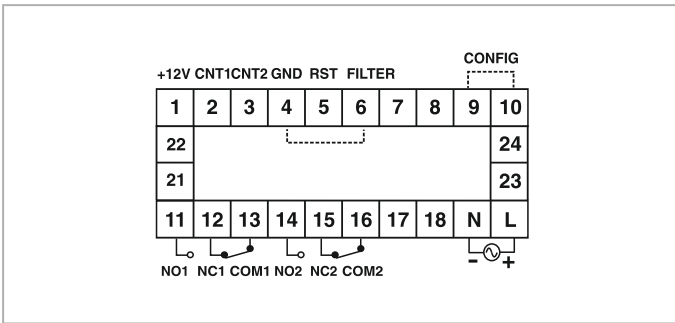
- ▶ 6 digits counter, 5 digits RPM Indicator
- ▶ LED Indications : Relay1, Relay2
- ▶ Dual set point
- ▶ Programmable input scaling
- ▶ Up, Down, Quadrature & Bi-directional counting direction

Certifications : CE 

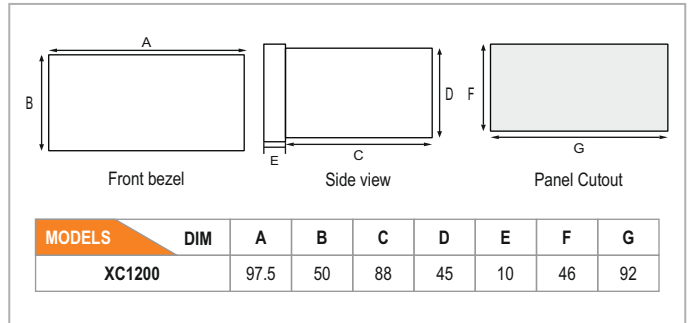
Technical specifications

Display specifications	
Digits	6 digits for Counter, 5 digits for RPM Indicator
LED indication	Relay1, Relay2
Input specifications	
Sensor type	NPN, PNP, Potential free contact, Encoder
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
Output specifications	
Sensor supply	Inbuilt, 12V DC, 30mA (short circuit protected)
Relay contact	2 C/O SPDT
Contact rating	5A @ 230V AC
Functional specifications	
Modes	ON delay / Interval / Auto reset / Time pulse repeat
Time ranges	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 direction	Up, Down, Bidirectional, Quadrature
Set point	2
Scale Factor	0.00001 to 9.99999 x 10 n = -5, -4, -3, -2, -1, 0, 1, 2
Reset	Front (user selectable), Remote
Memory retention	Yes
Auxiliary supply specifications	
Supply voltage	90 to 270V AC / DC (50 / 60Hz)
Power consumption	5VA Max.
Environment 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
Mechanical specifications	
Mounting	Panel mount
Weight	260gms

Terminal connections



Dimensions



Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level III
Surge Immunity	IEC 61000-4-5	+/- 2 kV common mode, +/- 1 kV differential mode
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz Level II, 1.4GHz to 2GHz Level I, 2GHz to 2.7GHz
Conducted Susceptibility	IEC 61000-4-6	Level II

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
Voltage Dips and Interruptions	IEC 61000-4-11	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	Class A (150KHz to 30MHz)
Radiated Emission	CISPR-11	Class A (30MHz to 1GHz)
Electrical Fast Transient	IEC 61000-4-4	Level III

Ordering information

Product code	Supply voltage	Certification
XC1200-CU	90 to 270V AC/DC	CE  US