




72 x 72mm

Features :

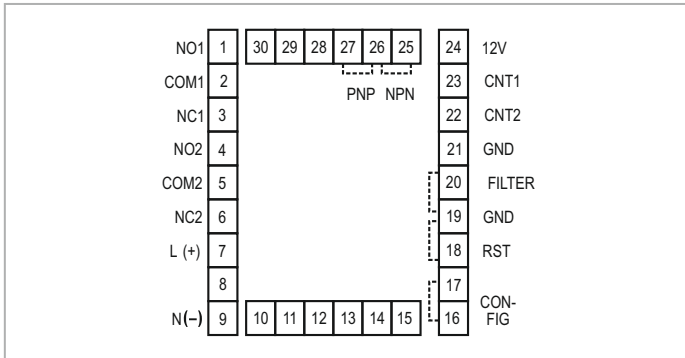
- ▶ 6 digits Counter, 4 digits RPM Indicator
- ▶ LED Indications: Relay 1, Relay 2, Rate, Batch
- ▶ Dual Set Point
- ▶ Programmable input scaling
- ▶ User configurable Relay 2 operation mode
- ▶ User configurable Rate/ Font
- ▶ Unidirectional, Bi - directional & Quadrature mode with up/ down selection

Certifications: 

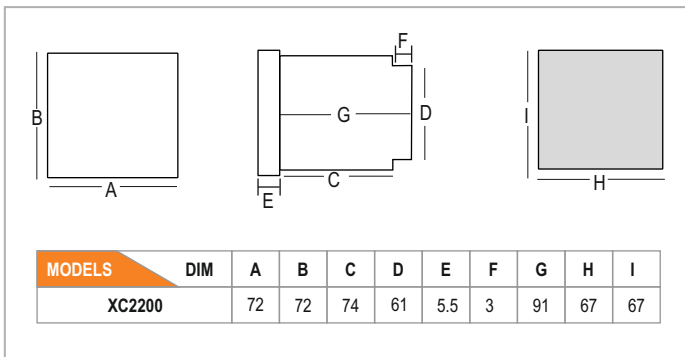
Technical specifications

| Display specifications | |
|---------------------------------|--|
| Display | 6 digits for Counter, 4 digits for RPM Indicator |
| LED indication | 1: Relay1, 2: Relay2, Rt: Rate Bt: Batch |
| Input specifications | |
| Sensor type | NPN/ PNP |
| Input type | Voltage pulse (5 to 30V DC) from Proximity switches, Encoders, Solid state devices, Potential free contact |
| Input speed | a) 0 to 30Hz b) 0 to 5kHz |
| Accuracy | Rate: 0.05% ± 2 counts |
| Output specifications | |
| Sensor supply | Inbuilt, 12 VDC, 30mA |
| Contact rating | Relay: NO: 10A 250 VAC/ 28 VDC NO/ NC: 5A/ 5A 250 VAC/ 28 VDC |
| Relay contact | 2X SPDT |
| 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 9999 RPS, RPM or RPH mode |
| Counting direction | Unidirectional, Bidirectional, Quadrature |
| Set point | 2 |
| Scale factor | 0.00001 to 9.99999 x 10 ⁿ n = - 5, - 4, - 3, - 2, - 1, 0, 1, 2 |
| Reset | Front (user selectable), Remote |
| Memory retention | Yes |
| Auxiliary supply specifications | |
| Supply voltage | 90 to 270 VAC/ DC (50/ 60Hz) |
| Power consumption | 6VA 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 | 228.53gms |

Terminal connections



Dimensions (All are in mm)



Compliance

| Applicable EMI / EMC Standards | | |
|-----------------------------------|---------------------|---------------|
| Product Standard | | |
| Category | Reference Standards | Testing Level |
| Electrostatic Discharge | IEC 61000-4-2 | Level-3 |
| Electrical Fast Transient / Brust | IEC 61000-4-4 | Level-3 |
| Electromagnetic Field | IEC 61000-4-3 | Level-3 |
| Surge | IEC 61000-4-5 | Level-3 |
| Conducted RF | IEC 61000-4-6 | Level-2 |
| Rated Power Frequency | IEC 61000-4-8 | Level-4 |
| Voltage Dip / Short Interruptions | IEC 61000-4-11 | Level-3 |
| Conducted Emissions | CISPR-11 | Class-B |
| Rated Emissions | CISPR-22 | Class-A |
| Emission & Immunity | IEC 61326-1 | |
| Safety | IEC 61010-1 | |
| PFMF (Passing criteria) | IEC 61000-4-8 | Class A |

Ordering information

| Product code | Supply voltage | Certification |
|--------------|-------------------|---------------|
| XC2200 | 90 to 270 VAC/ DC | ---- |
| XC2200-CE | 90 to 270 VAC/ DC | CE |