selec

SPECIFICATIONS

- **Display**: 6 digit, 0.3" height, red 7 seg LED.
- **Inputs:**
  3 to 30V DC from Proximity switches, Encoders, Potential free contacts, Limit switches etc..
- **Input Speed:** (Selectable)
  1) 20Hz (terminal nos. 6 & 7 shorted)
  2) 1kHz (terminal nos. 6 & 7 open).
- **Sensor Supply:**
  12V DC @ 30mA (±10%), short ckt protected.
- **Reset:**
  1. On front panel (selectable).
  2. Remote reset (via rear terminals).
- **Memory retention:** 10 years.
- **Supply voltage (Factory set):**
  90 to 270V AC/DC
  24V AC/DC
- **Housing:** Flame retardant plastic.
- **Mounting:** Panel mounting.
- **Temperature:**
  Operating: 0 - 50℃, Storage: -20 - 75℃.
- **Humidity:** 95 % RH.
- **Weight:** approx. 90gms.

⚠ SAFETY PRECAUTIONS

Please maintain these instructions and review them prior to using the unit:

⚠ **Warning:**

1. This unit is panel mounted type with its output terminals connecting to the host equipment. Such equipment shall also comply with basic EMI/EMC and safety requirements like BSEN 61326-1 and BSEN 61010 respectively.

2. To avoid electric shock, power supply of the unit should be kept off while wiring. Wiring should be done strictly as per the terminal layout, given in the manual.

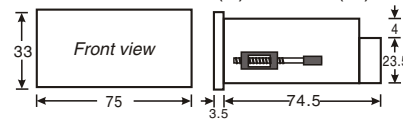3. External fuse with a rating of 275V AC/1A is recommended.

Caution:

1. This unit is not intended for outdoor use.

2. The power connection cable must have a cross-section of atleast 1sq.mm and insulation capacity of atleast 1.5kV.

3. The output connections must not be loaded beyond the specified values/range.

4. Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.

5. The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.

6. Use clean moist cloth soaked in water for cleaning. Avoid entry of water into the circuitry through the ventilation holes.
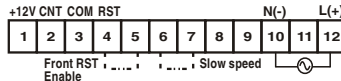
MECHANICAL INSTALLATION

Dimensions (in mm):
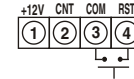Panel cutout : 29mm (H) x 71mm (W)

TERMINAL CONNECTIONS

Note: - Remove jumper between 6 and 7 for high speed upto 1kHz

1	+12V sensor supply
2	Count Input
3	COM
4	Reset Input
4 - 5	Short for front panel reset enable
6 - 7	Short for slow speed upto 20Hz
10 - 12	Live(+) - Neutral(-)

Resetting the XC410:
By front key: Short terminals 4 & 5 to enable front panel reset. Press RST key momentarily.
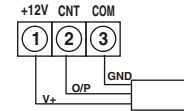
Remote reset:

Input connections:
(**Sensor color codes:-** Red = +12V, Green = CNT, Black = GND; Brown = +12V, Black = CNT, Blue = GND)
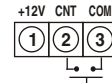
Selection for Input sensor:

INPUT SENSOR	JUMPER SELECTION
PNP	
NPN / Potential free contact	

Jumpers are located towards the right side of the unit. Given above is the Front view of jumpers with housing removed and display towards the left.

NPN / PNP Sensor:

Potential free contact:

Note : The above connection is valid when selection is NPN