ONCH RS-x-xM Manual

■ Panel Explanation

- Display Value
- UP, 1 more
- MODE Setting Start
- SHIFT digit number moving
- DOWN, 1 less
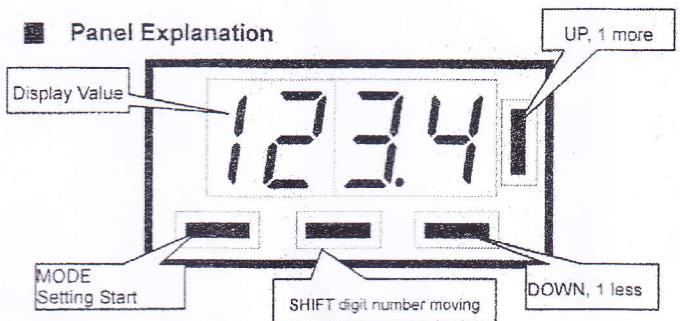
■ Function

1. Microprocess Tachometer/Line Speed Meter
2. Can be setup the input sampling time, RPM/Line speed model and the position of decimal point etc.
3. 0.36" Height LED

■ Standard Specification

| Power Supply	Multi-kinds of DC power supply input (isolated type)
Power Consumption	0.5W MAX.
Display Range	0~ 9999
Input	NPN / PNP input signal
Ambient Temperature	-10 to 55℃ with no icing
Store Temperature	-25 to 65℃ with no icing
Relative Humidity	35% to 85% RH

■ Type Explanation

RS – N – 1 M

- 1:5V, 2:12V, 3:24V power supply
- N:NPN input, P:PNP input

■ Parameter setup explanation

Hold "mode" key around 0.5 second to enter the parameter setting mode

5Pt	Sampling time(SPT): if the setting value is going high, the display will become more stable, but the response will going slower. Press SHIFT key to start setting, the range: 0.1~9.9 sec.
5CL	Scaling Setting(SCL):setting input signal scaling, RPM = Frequency x 60 / SCL, press SHIFT key to start the setting. Range:0.1~999.9
Pnt	Decimal Point (Pnt): setup the position of decimal point of current value, press SHIFT key to start the setting, then press it again to change the setting
nodE	Measuring Mode(MODE): setup RPM or LINE SPEED mode. Press SHIFT key to start the setting and press UP/DOWN key to change it. **rPn** =RPM **LinE** =LINE SPEED
din	Dimension Setup (DIM): setup the dimension of ROLLER. It is necessary at the LINE SPEED MODE and the range is :1~9999mm Line Speed(M/min) = Signal Frequency x 60 x (PI) x dimension

■ Terminal Connection

MODEL:
DISPALY:
S/N:
CONCH
TAIWAN
PL-VS01
☐ 5V
☐ 12V
☐ 24V
INPUT — IN 0V
PWR — +V 0V

■ Dimension

J1
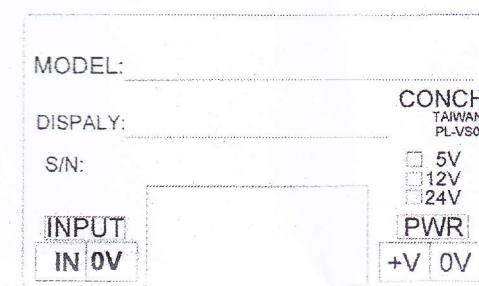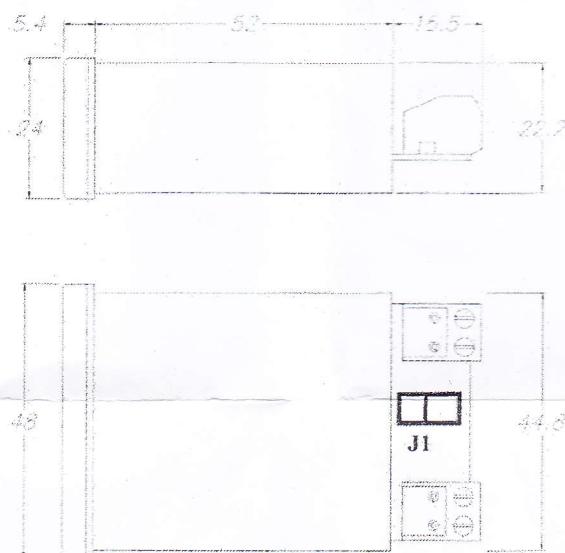
■ Input Frequency Limit

J1 short-circuits is low frequency around 100Hz, open-circuits is around 1K Hz。