# SHIMPO

## Panel Mount Tachometer Model DT-5RL-1, 2, 3\*

## **Instruction Manual**



#### **Features**

Range (0 - 99999)
Accuracy 0.01% F.S.
Input frequency 5KHz max.

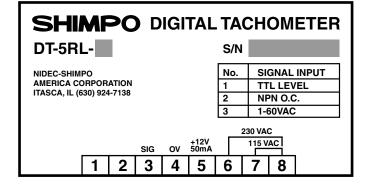
Measures RPM or linear speed (scaleable)
 Linear Speed y/min, m/min or ft/min (selectable)

Number of ppr (1 - 9999)Decimal point selectable

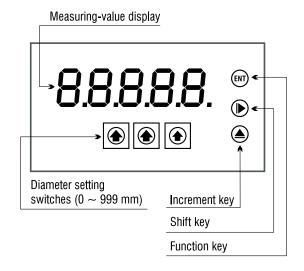
• Display 5 digit LED .56" (14.22mm) high

• Sampling Time  $0.1 \sim 99.9$  sec. (selectable)

## Wiring Detail



### Name of Parts



To access keys, remove front bezel with flathead screwdriver in slot at bottom of bezel and twist.

## Symbol Detail

- "dP" (decimal point selection)
- "diS-t" (display "function" selection)
  - "r-t" (RPM)
  - ★ "L-t" (linear-speed)
- ★ "unit" (display unit)
  - "nn" (M/min)
  - "Ft" (Ft/min)
  - "Y" (Y/min)
- "PPr" number of pulses per revolution
- "LS-t" sampling time  $(0.1 \sim 99.9 \text{ seconds})$
- "Aug" select according to how fast the observed speed changes. Set anywhere between 1 and 99.
- ★ Set diameter of feeding roller through the three rotary switches.

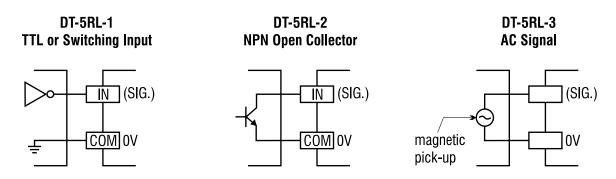
## Operation Turn Power-ON Display — Press shift ( ) and increment keys ( ) simultaneously for at least 3 sec. Push ( key Now the decimal point can be selected. dp — Press increment key (a) and set the decimal point. Push (ENT) key — Press (ENT) key. Now you can select RPM or linear speed. diS-t Press increment key (a) and select "r-t" or "L-t". Push (ENT) key — If "L-t" is selected. Now "units" can be chosen. Unit — Press shift ( and increment keys ( and select "M/min", "Ft/min" or "Y/min". — Now you are in the PPr field. Push (ENT) key PPr — Press shift key ( and increment key ( and select the number of PPr anywhere from 1 to 9999. Push (ENT) key — You are in the minimum RPM/Linear rate field. (minimum speed) LS-t — Press shift key ( and increment key ( and select cut-off sampling time anywhere from 0.1 to 99.9 sec. Factory setting is 3 sec. Push (ENT) key — You are now in the speed stability field. Press shift key ( and increment key ( and set value between 1 and 99) Aug

## Input Connection Diagram

Push (ENT) key

depending how fast speed changes.

or push (ENT) key and start cycle all over again.



- Press shift ( and increment keys ( simultaneously) momentarily and start measuring

#### SHIMPO INSTRUMENTS