

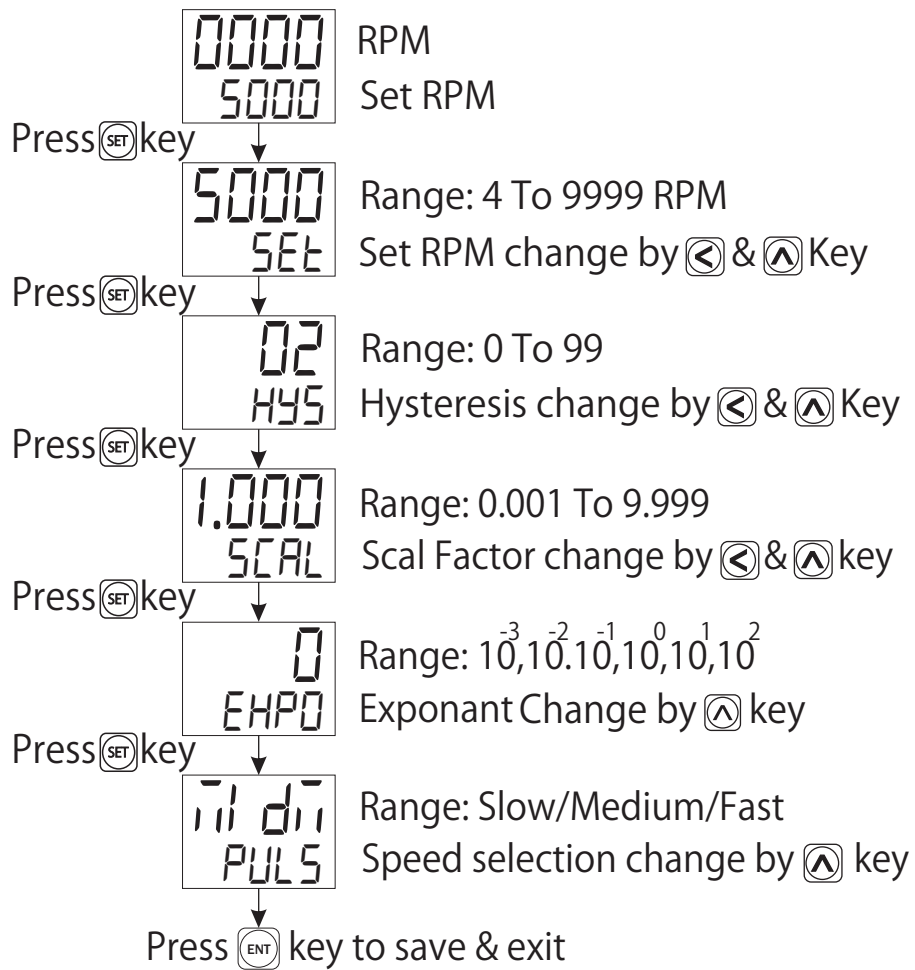
## Technical Specification

Model	RPM- 1044		
Display	UPPER:- 4 Digit 7 seg 0.70",red LED Display LOWER:- 4 Digit 7 seg 0.4",green LED Display		
Size(HXWXD)	96 X 96 X 50 mm	72 X 72 X 85 mm	
Panel Cutout	92 X 92 mm	68 X 68 mm	
Input	NPN/PNP Proximity		
Output	1 relay, 2 C/O contact, 230V AC, 5A		
Power Supply	100 to 270V AC, 50/60 Hz, Approx 3VA		
Operating Temperature	0 °C To 55 °C	Relative Humidity	Up to 95% RH Non Condensing
Protection Level	IP-65 (Front side) As per IS/IEC 60529 : 2001		

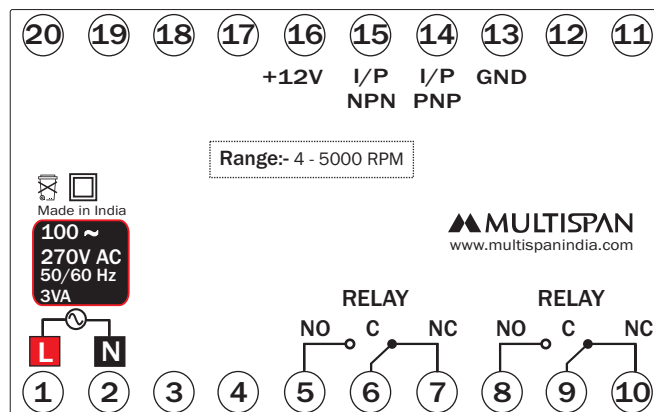
### Note:

- 1) To select alarm / band press key + Power ON.
- 2) To change alarm / band press key.
- 3) After Select alarm / band turn off instrument to save.

# Procedure to Program the Speed Indicator



## Connection Diagram



## Working Principle

### Low Alarm

In low alarm mode, Initially relay will be on. When RPM reaches (Set + Hys) Relay will be off. again RPM reaches set point relay will be on.

### High Alarm

In high alarm mode, Initially relay will be off. When RPM reaches set point the Relay will be on. again RPM reaches (Set - Hys) point relay will be off.

### Inband alarm

In inband alarm mode, The relay will be on between Set point-1 & Set point-2.

### Outband alarm

In Outband alarm mode, The relay will be off between Set point-1 & Set point-2. The relay will be on Outside band of set point-1 & set point-2.

### Absolute low alarm

In Absolute low alarm mode, Initially relay will be off. First time When RPM reaches (Set + Hys) Relay remains off. Again RPM is below set point relay remains off.

### Absolute Outband alarm

In Absolute Outband alarm mode, Initially relay will be off. First time When RPM reaches in between set point-1 & set point-2 relay remains off. Now, RPM is below setpoint-2 or above set point-1 relay remains on.

## Note:

Product improvement and upgrade is a constant procedure. So for more updated operating information and support, Please contact our Helpline : 9978991474/76/82 or Email at [service@multispanindia.com](mailto:service@multispanindia.com) Ver: 1912