



# Product Manual

## Jumbo Display

PC-6004



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Model No	PC-6004
Description	Micro controller based, Single display
Display	4 Digit 7 Segment 4" Red Led Display
Size	165(H) X 380(W) X 50(D)mm
Input	Proximity-NPN/ PNP & Micro Switch
Power Supply	100 To 270V AC, 50/60 Hz Approx 4 VA
Protection Level (As per request)	IP-65(Front side) AS per IS/IEC 60529:2001

## Front Keys

- Give 100 to 250V AC supply to the instrument. Display will show the present Process value of Count.
- As the pulse from Proxi is coming the Display will show value of COUNT.

## User Configuration

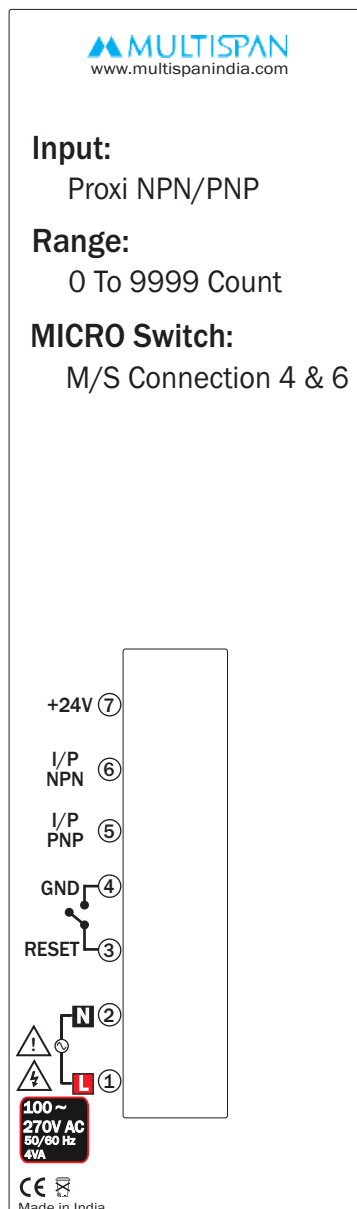
Press  key + Power On Instrument

 Very Slow, Slow, Medium, Fast

Change Speed Select  Key

To Save Parameter Power Off Instrument

## Connection Diagram



**Note:**

- 1). Please consult support engineers for sensing area size for proxy to sense.
- 2). Please ensure proper sensing area size before installing proxy sensor in your equipment.
- 3). Sensing area must be equal or more than the proxy head size.

**Proxy Color Code**

<b>+24V</b>	<b>I/P</b>	<b>GND</b>
Red	Green	Black
Brown	Black	Blue

# Test Certificate

Product : Count Totalizer

Model No.: PC 6004

Input: Proximity-NPN/PNP & Micro Switch

Range : 0-9999 Count

Supply: 100 To 270V AC, 50/60 Hz Approx 4 VA

Accuracy :  $\pm 1\%$  Of FSD

Calibrator Used : Pulse Generator

Calibrator Sr. No. : PG-5



Q.A. Engineer

## WARRANTY

Multispan Warrants that the product supplied here under this Test Certificate is guaranteed against our design, our manufacturing and our workmanship defects for a time period of 12 Months from the date of product dispatch from our premises.

Multispan undertakes the responsibility to replace/repair the faulty product at our company premises free of cost. The manufacturing liability is limited to the value of goods supplied. Hereby, the manufacturer will take no responsibilities for whatsoever any consequential damages claimed by the customer whatsoever. This warranty certificate is required to be produced for obtaining any repair or replacement service from the Manufacturer. The Manufacturer reserve right to determine the reason for Defect/Damage, before providing service.

## Safety Precautions

- 1) All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.
- 2) If all the equipment is not handled in a manner specified by the manufacturer, it might impair the protection provided by the equipment.
- 3) Read complete instructions prior to installation and operation of the unit.

 Risk of electric shock,  Hazard Warning

## Warning Guidelines

- 1) To prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement.
- 2) Do not touch the terminals while power is being supplied. To reduce electromagnetic interference, use wire with adequate rating and twists of the same of equal size shall be made with shortest connection.
- 3) A better anti-noise effect can be expected by using standard power supply cable for the instrument.

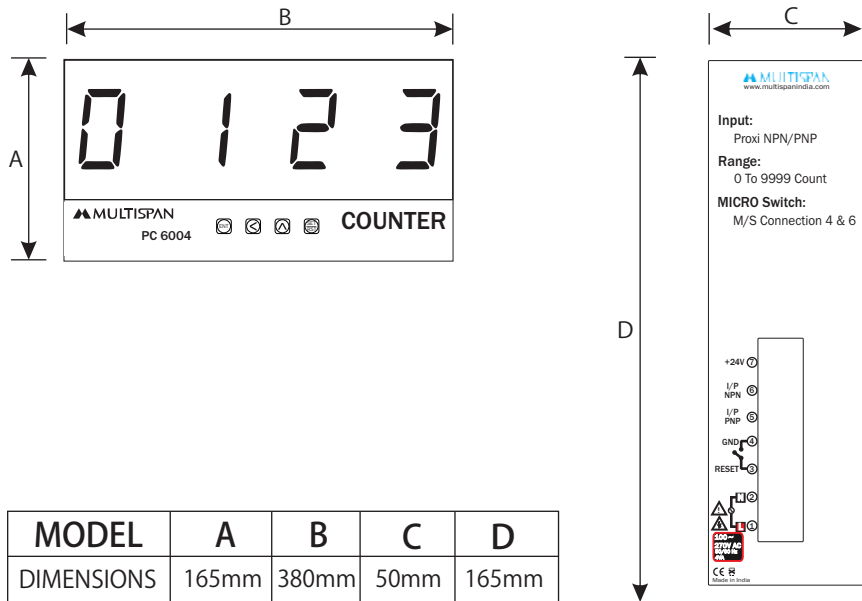
## Installation Guidelines

- 1) Do not allow pieces of metal, wire clippings, or fine metallic fillings from installation to enter the product or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
- 2) Use and store the instrument within the specified ambient temperature and humidity ranges as mentioned in this manual.
- 3) Prior to the installation of this product, the installation instructions must be read and completely understood. Keep these installation instructions in an easily accessible location for future reference. Proper installation procedure by a qualified service technician must be followed, as outlined in these installation instructions. Failure to do so could result in property damage, serious personal injury, or even death.
- 4) Safety measures must be practiced at all times during the assembly of this product.
- 5) Use proper safety equipment and tools for the assembly procedure to prevent personal injury. Be aware of the mounting environment.
- 6) If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall.
- 7) Cutting or drilling into an electrical line may cause serious personal injury.
- 8) Make sure there are no water or natural gas lines inside the wall where the mount is to be located.
- 9) Cutting or drilling into a water or gas line may cause severe property damage or personal injury.
- 10) Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.

## Maintenance

- 1) The equipment should be cleaned regularly to avoid blockage of ventilating parts.
- 2) Clean the equipment with a clean soft cloth.
- 3) Do not use isopropyl alcohol or any other cleaning agent.
- 4) Fusible resistor must not be replaced by operator.

# Mechanical Installation



- 1) The equipment in its installed state must not come in close proximity to any heating source, caustic vapors, oils steam, or other unwanted process by products.
- 2) Do not connect anything to unused terminals.

# Notes