



# PPI FPI-3T Linearised Single Point Temperature Indicator Instruction Manual

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**PPI FPI-3T Linearised Single Point Temperature Indicator**



## Product Information

### FPI-3T Linearised Single Point Temperature Indicator

The FPI-3T Linearised Single Point Temperature Indicator is a device that displays temperature readings. It comes with a brief manual for quick reference to wiring connections and parameter searching. For more details on operation and application, please visit [www.ppiindia.net](http://www.ppiindia.net).

### Electrical Connections

The FPI-3T can be ordered with or without a Flame Proof Enclosure. For the former, the electrical connections are as follows:

- E: 85 to 264 VAC
- L1
- 2
- N
- R
- 4
- TC
- 5

- T
- D
- CN4
- CN1

**For the latter, the electrical connections are as follows:**

- E: 85 to 264 VAC
- INPUT CONFIGURATION PARAMETERS: PAGE -12
  - Input Type: RTD Pt100, 3-wire
  - Offset For PV: -1999 to 9999 (with selected Resolution)

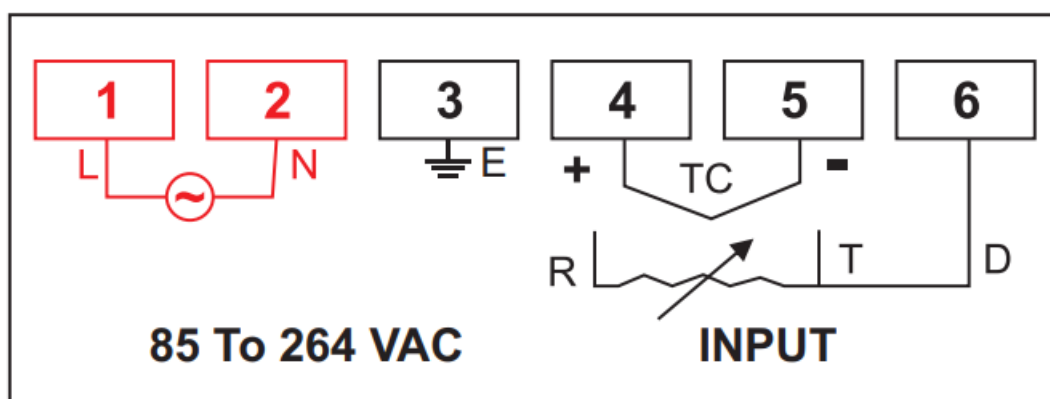
## Product Usage Instructions

To use the FPI-3T Linearised Single Point Temperature Indicator, follow these steps:

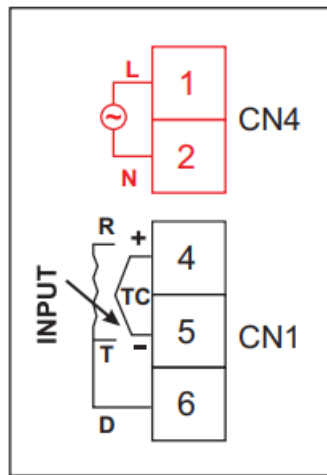
1. Determine whether you have ordered the device with or without a Flame Proof Enclosure.
2. If you have ordered the device with a Flame Proof Enclosure, connect the wires according to the electrical connections provided in the manual.
3. If you have ordered the device without a Flame Proof Enclosure, refer to PAGE -12 for the INPUT CONFIGURATION PARAMETERS. Set the Input Type to RTD Pt100, 3-wire, and the Offset For PV to -1999 to 9999 (with selected Resolution).
4. Once the device is connected, it will display temperature readings.
5. If you require more details on the operation and application, please visit [www.ppiindia.net](http://www.ppiindia.net).

This brief manual is primarily meant for quick reference to wiring connections and parameter searching. For more details on operation and application; please log on to [www.ppiindia.net](http://www.ppiindia.net)

## Electrical Connections



**(a)** If ordered with Flame Proof Enclosure

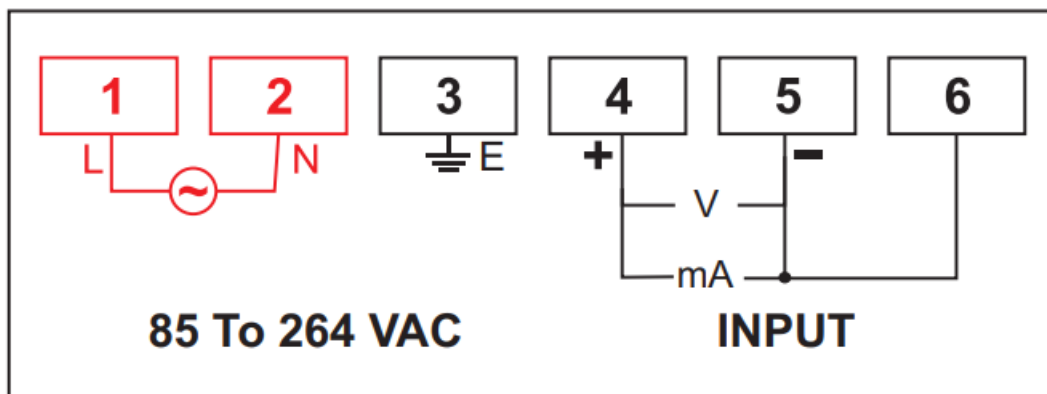


(b) If ordered without Flame Proof Enclosure

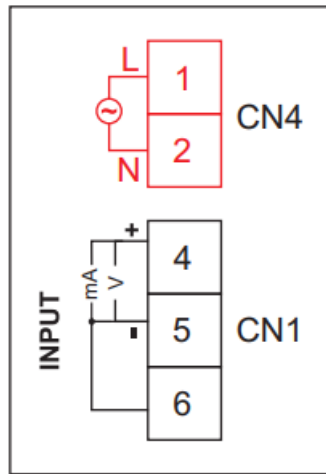
INPUT CONFIGURATION PARAMETERS : PAGE- 12									
Parameters	Settings								
<b>Input Type</b> <div>INPT</div> <table border="1"> <thead> <tr> <th>Input Type</th><th>Temperature Range</th></tr> </thead> <tbody> <tr> <td>Type J</td><td>0 to 960°C</td></tr> <tr> <td>Type K</td><td>-200 to 1375°C</td></tr> <tr> <td>RTD Pt100, 3-wire</td><td>-199 to 600°C or -199.9 to 600.0°C</td></tr> </tbody> </table>	Input Type	Temperature Range	Type J	0 to 960°C	Type K	-200 to 1375°C	RTD Pt100, 3-wire	-199 to 600°C or -199.9 to 600.0°C	<div>tc - J</div> Type J <div>tc - K</div> Type K <div>rt d</div> RTD (1°C) <div>rt d. 1</div> RTD (0.1°C)
Input Type	Temperature Range								
Type J	0 to 960°C								
Type K	-200 to 1375°C								
RTD Pt100, 3-wire	-199 to 600°C or -199.9 to 600.0°C								
<b>Offset For PV</b> <div>OFSE</div>	-1999 to 9999 for Thermocouple & RTD (1°C) -199.9 to 999.9 for RTD (0.1°C)								

### FPI-3D

Linearised Single Point Process Indicator



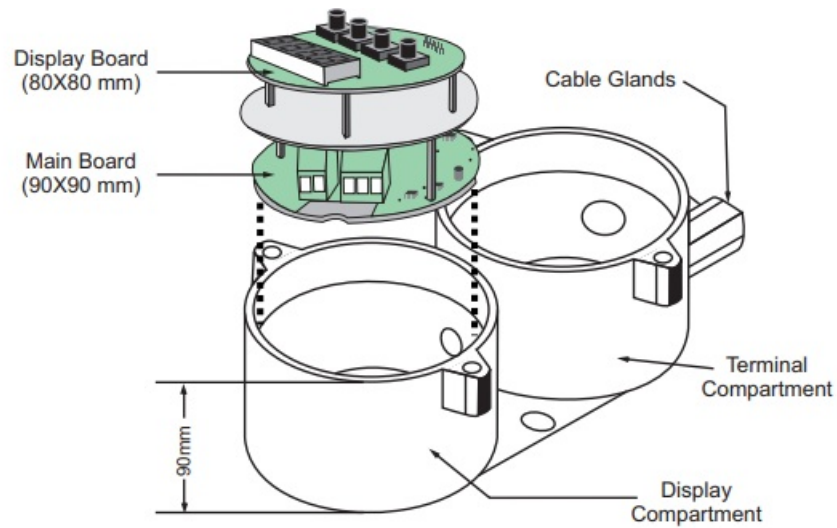
(a) If ordered with Flame Proof Enclosure



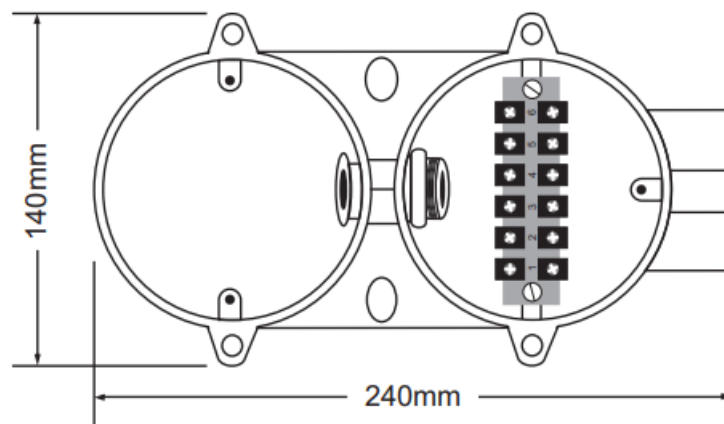
(b) If ordered without Flame Proof Enclosure

INPUT CONFIGURATION PARAMETERS : PAGE - 12	
Parameters	Settings
<b>Input Type</b> <div>INPT</div>	<div>0-20</div> 0 - 20mA <div>4-20</div> 4 - 20mA <div>0-5</div> 0 - 5 V <div>0-10</div> 0 - 10 V
<b>Resolution</b> <div>rSLn</div>	<div>1</div> 1 <div>0.1</div> 0.1 <div>0.01</div> 0.01 <div>0.001</div> 0.001
<b>DC Range Low</b> <div>r.Lo</div>	-1999 to 9999 (with selected Resolution)
<b>DC Range High</b> <div>r.Hi</div>	-1999 to 9999 (with selected Resolution)
<b>Offset For PV</b> <div>OFSt</div>	-1999 to 9999 (with selected Resolution)

## ENCLOSURE ASSEMBLY

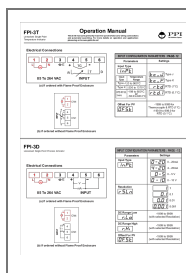


## Dimension



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## Documents / Resources



[PPI FPI-3T Linearised Single Point Temperature Indicator](#) [pdf] Instruction Manual  
FPI-3T, FPI-3D, FPI-3T Linearised Single Point Temperature Indicator, Linearised Single Point Temperature Indicator, Single Point Temperature Indicator, Temperature Indicator

## References

- [Factory Automation Products India | Automation Solutions in India](#)