



# PRECIMEASURE CONTROLS PVT. LTD.

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## WINDING TEMPERATURE INDICATOR AND CONTROLLER – MODEL 1071

### CATALOGUE

**PRECIMEASURE Model - 1071-WTI** is a high performance, Bi-metallic Winding Temperature Indicator/Controller instrument, mainly used for the protection of Distribution Transformers.

- Segment dial, vertical mounting
- Range 0-120°C (Other Ranges on Request)
- 2° graduation.
- Accuracy  $\pm 4^{\circ}\text{C}$  between 40°C to 110°C.
- Case material Aluminum, Heater pocket Sensing bulb material Brass.
- IP55 Protection as per IEC 529 Test cat-II.
- Operational ambient temperature range: -20°C to +60°C.
- No external power supply required for indication or operation
- Available up to two control switches
- Sealed system which requires no trimming or periodic site adjustments
- Maximum Temperature indicating pointer facility / Resettable from outside.
- Directly Mounted on the Transformer
- Built in thermal imaging for transformers hotspot temperature indication.



#### SWITCHES:

Positive action switching has been added to the dependable indicating mechanism for Alarm and Trip duties. The switches are Normally Close/Open potential free Micro Switches, Rated 5 amps at 250V AC.

They are adjustable from 20°C to 105°C of individual scale with Switch Accuracy of  $\pm 4^{\circ}\text{C}$ . The switches close on temperature rise. Insulation tested to ground at 2KV for 1 minute.

### WTI GRADIENT CALIBRATION

WTI Gradient calibration is factory set as per customer spec. If required, a provision is made for small adjustment at site

