

Bimetal Thermometer for Transformers

The Bimetal Thermometer is designed to measure and monitor the temperature of transformer oil in oil-filled transformers. It provides accurate and reliable local temperature indication without the need for an external power supply.

In addition to displaying the current oil temperature, the thermometer is equipped with a maximum temperature pointer that mechanically records the highest temperature reached since the last reset. This feature enables operators to monitor peak temperature conditions and assess transformer loading and operating performance.

The robust construction and simple operating principle make the bimetal thermometer a dependable solution for continuous temperature monitoring in transformer applications.

Features

- Direct measurement of transformer oil temperature
- Clear and easy-to-read dial indication
- Mechanical maximum temperature recording pointer
- Manual reset facility for maximum temperature indication
- No external power supply required
- Rugged and maintenance-friendly design
- Suitable for indoor and outdoor transformer installations



Applications

- Distribution Transformers
- Power Transformers
- Oil-Filled Reactors
- Transformer Conservator Systems
- Industrial and Utility Substations

Benefits

- Continuous visual monitoring of oil temperature
- Records peak temperature conditions for operational analysis
- Assists in preventing transformer overheating
- Improves maintenance planning and asset management
- Reliable operation under harsh environmental conditions

