



The "check engine" alert for your transformer

TH₂M-ATM

PSStech's Transformer Health Monitor

The PSStech TH2M-A allows utilities to monitor the health of power transformers including smaller distribution transformers due to the cost and ease of installation. The monitor alerts personnel to incipient fault conditions and insulation degradation by continuously monitoring the hydrogen gas and moisture in the transformers insulating oil. The TH2M-A is the cost-effective solution to prolonging the life of your assets all while reducing truck-rolls, safety risks, and waste.

Key Features

- Sensor manifold discreetly installs to the existing drain valve of the transformer
- Independent controller, allowing it to be installed remotely from the sensor manifold
- Self-calibrating Hydrogen sensor
- Brushless pump to circulate oil ensuring a "fresh" sample is measured by the sensors
- Bleeder/Purge valve for oil samples
- Compatible with mineral oil and natural/synthetic ester oils
- Manifold machined from aircraft grade aluminum

Standard Analog Configuration

- Hydrogen Monitoring (PPM)
- Moisture Monitoring (PPM or % RS)
- Brushless DC Circulating Pump
- Power Supply Options
 - AC Input: 90-277 VAC, 50/60 Hz
 - DC Input: 12/24 VDC
- Analog Outputs
 - Two outputs @ 1 to 5 Vdc or 4-20mA
- C-Form Alarm Relay Output
 - Contact ratings for resistive load:
 - 10A @ 250Vac or 30Vdc
 - 300mA @ 250 Vdc

