



K6PM Thermal Condition Monitoring Device Product Guide



Overview

The K6PM is a compact thermal imaging sensor and controller for continuous monitoring of high-voltage panels, transformers, hydraulic valves, data centers, conveyors and other critical components. Users can safely monitor components in real time, respond quickly to issues and reduce downtime without the need for manual thermal inspections.

The K6PM has a digital display for live temperature readings and an alarm bar to signal abnormalities. Each controller can use up to 31 thermal imaging sensors with a 90°x 90° viewing angle. DIN rail mounting and built-in algorithms greatly reduce setup time.

Applications

- High-voltage panels
- Power generation and energy distribution
- High-horsepower electric motors
- Hydraulic valves and pumps
- Data centers R&D test cells

Primary Benefits

- Reduced time and cost for manual inspections
- Faster response time to abnormalities
- Better predictive maintenance and reduced downtime

Key features

- Thermal Imaging Camera that detects temperatures 32-392°F (0-200°C)
- Controller with built-in temperature display
- Three-level temperature alarms that triggers alarm bar and 24VDC outputs
- Ethernet IP/Modbus TCP communication
- Free PC monitoring software
- Abnormal detection algorithms
- Push-in Plus terminals

K6PM Product Selection



Communications	Part Number
K6PM Controller	K6PM-THMD-EIP
K6PM Thermal Imaging Sensor	K6PM-THS3232

Related Products



Product Name	K6CM	S8VK-X
Type	Monitoring Condition Unit	Ethernet IP Power Supply