Compact Cost-Effective Thermometer with Ethernet Interface and PoE



code: PA8610

The PA8610 is an affordable compact thermometer designed for reliable temperature monitoring in server rooms, technical rooms, warehouses, operations, etc.
Support for PoE allows the device to be powered directly over Ethernet without the need for an external power source.

The web interface enables convenient configuration and monitoring via a standard browser. Advanced communication protocols and email alarm notifications are also available.The device features an innovative mounting system using a detachable bracket.

Support for secure data transfer to the COMET Cloud enables reliable remote monitoring and management of measured values. Due to the absence of a display, it is ideal for discreet installations in IT or warehouses where reliable data collection is the priority. PA8610 is the ideal choice where simplicity, reliability, and low acquisition costs are key.

Main Benefits:

- Temperature measurement accuracy ±0.6 °C in the range of -30 to +60 °C
- Power supply 5–24 V or PoE (IEEE 802.3af)
- Integrated backup memory
- Modern web interface, IPv4/IPv6 support, Modbus TCP, COMET Cloud, and fully encrypted communication (HTTPS, SNMPv3, TLS)
- Integrated detachable bracket for easy installation

Technical data

TEMPERATURE SENSOR	
Measuring range	-30 to +60 °C
Accuracy	±0.6 °C
Resolution	0.1 °C
GENERAL TECHNICAL DATA	
Operating temperature range	-30 to +60 °C
Measurement channels	integrated temperature sensor
Supported temperature units	degrees Celsius (°C), degrees Fahrenheit (°F)
Power supply	Power over Ethernet (IEEE 802.3af) or 5–24 V DC
Network interface	Ethernet
IP support	IPv4, IPv6
Communication protocols	HTTP(s), Web server (WWW), HTTP GET (JSON, XML), Modbus TCP, SNMPv1, SNMPv2c, SNMPv3
Alarm protocols	Email (SMTP), Syslog
Measurement interval	2 s
Ingress protection (IP rating)	IP30
Dimensions	116 x 85 x 42 mm; stem 55 x 18 mm

Weight	190 g
Warranty	3 years