

DATA SHEET



KFA5

Probe 5000 Series with one type probe for continuous load measurement and pulse load detection in both AC and DC using self-heating method.

MEASUREMENT PRINCIPLE

5000 series 5000 (New version self-heating) technology (no usage high-frequency electromagnetic signals generated by the electric circuitry or propagation along the probe which is arranged in the bulk cable or its sheath). When there is a current in the surface of the middle part of the probe, energy is released back up the probe in the direction which then increases the heat flow. The size difference between the temperature and the temperature reflected. The sensor can measure the surface heat as a continuous measurement reading through its sensing region so it can measure the sensor can directly generate measuring signal output. 5000 Series are also known as Global Probe or Global Power Probe (GPP).

APPLICATION AREA

The accurate 5000 self-heating method direct probe and light weight suitable continuous load measurement as well as pulse load detection in steady state, both AC and DC, regardless of changing power conditions such as battery, inverter, compressor, generator, motor and fan. 5000 has shown its multiple capacities - it can be connected to most cables or self-heating wires, all-wire sensor method and it measures precisely even with difficult task generation in close to working situation.

BENEFITS

- Compact/light/probable size
- Probe continuous load measurement and reliable pulse load detection method in use show
- Simple power structure of direct detection flow in open/closed and the cable generated (no problems with electromagnetic interference)
- Highly stable measurement due to it's wire design and temperature signal isolation and flexible wire signal suppression

CONTACT

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