What is It?
Sensor: a hardware device which detects or measures a physical property. Sensors can provide analog or digital feedback.

Current Sensors can be used to measure DC, AC, and AC leakage current. Ours are for AC applications.

Target Rich Applications:
- AC Conditioning
- PEHV Chargers
- Smart Meters
- Home Appliances

Device Features
CT Series
- High sensitivity
- Compact and lightweight
- Mountable on printed circuit boards

C/CT Series
- Compact and slim design
- Flat temperature characteristics
- Flame retardant

ZCT Series
- High sensitivity
- Compact and lightweight
- Laminated iron core

Segments
- Industrial
- White Goods (Refrigerator, Inductive Cooking, Air Conditioning)
- Automotive
- Medical

RoHS Compliant
Country of Origin: Vietnam

www.kemet.com/current-sensors
What is It?
Sensor: a hardware device which detects or measures a physical property. Sensors can provide analog or digital feedback.

Thermal Sensors are usually employed to shut down electrical equipment when a specific temperature is exceeded.

Device Features
• Curie temperature does not vary over time.
• Stable against moist or hazardous gas.
• Precision & reliability stand the TRS™ devices apart from Bimetallic switches.
• OHD™ are usable with low (0.1mW) signal up to high power (6W) level.
• No-control circuit needed.

Segments
• Industrial
  — Power Supply
• Consumer
  — Power Supply
• Automotive

Target Rich Applications:
Home Appliances

TRS™ Series

OHD™ Series

RoHS Compliant
Country of Origin: Japan or China

Note: Electrical Mains switching sensors are usually required to carry an approval certificate

www.kemet.com/thermal-sensors
What is It?
Piezo Actuators convert electrical energy into mechanical movement. They can be moved very precisely.

Device Features
• Precise & Ultra fast response
• High Reliability
• Space-saving designs
• Large generation of force
• Low power consumption
• Long operational life (plate through type)
• High electrostrictive factor

Target Rich Applications:
• Precision Stepper Motors
• Electron Microscopes
• Mass Flow Controllers
• Tunable Filters
• Semiconductor Manufacturing

Segments
• Industrial
• Medical

No International Standards
• No Size
• No Temperature Code

AE Series
Resin Coated 85°C

ASB Series
Metal Sealed 85°C

RoHS Compliant
Country of Origin: Japan

www.kemet.com/actuators