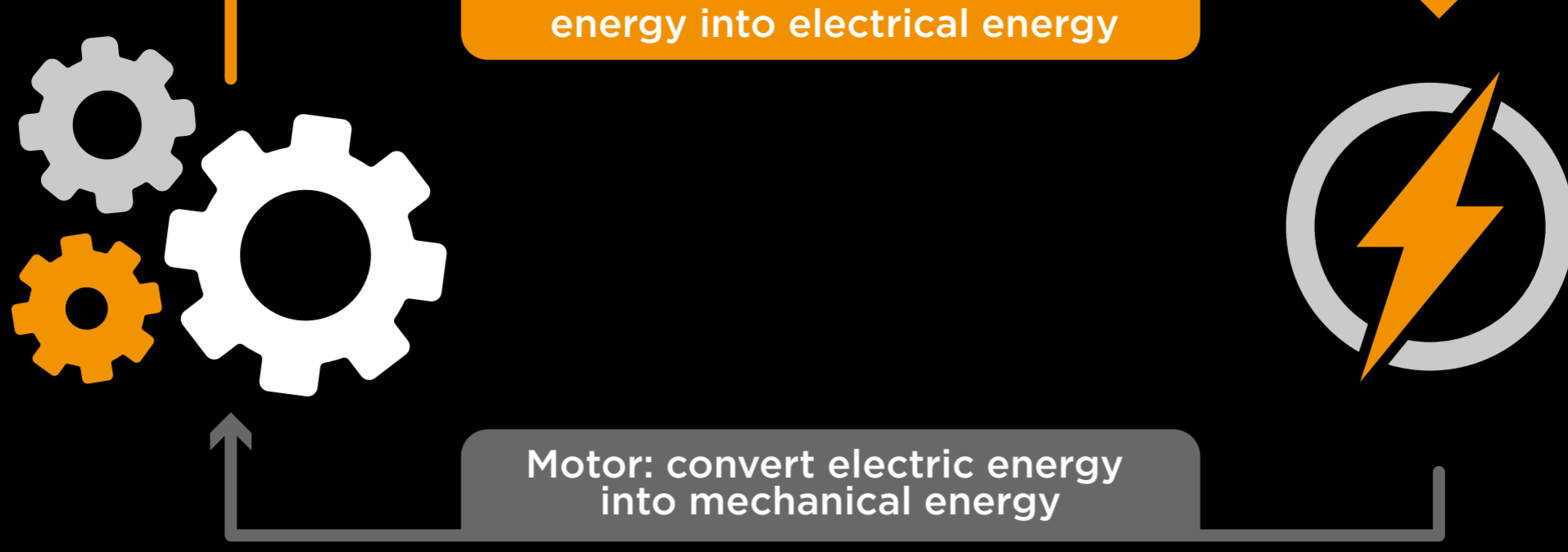


# Industrial Motor

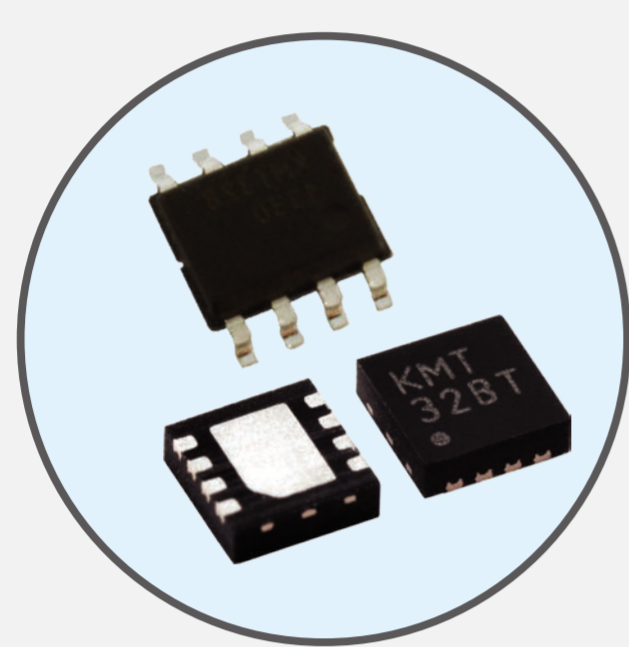
Industrial motors are electromagnetic devices that convert or transfer electric energy according to the Faraday law of electromagnetic induction.



Electric motors are a key element for electric energy production and conversion. Therefore, they play a vital role in almost all industries and sectors in modern society.

Meanwhile, the sensor is the key component of the motor control system.

## Motor



### KMT32B Magnetoresistive Position Sensor

Used for measuring magnetic pole position and rotation angle on servo motors



Excellent high frequency performance  
Instant response



Non-contact angle measurement  
Harsh environment applicable



Low power consumption  
Long service life



Simple structure  
Shock resistance  
High reliability



### NTC/PT Temperature Sensor

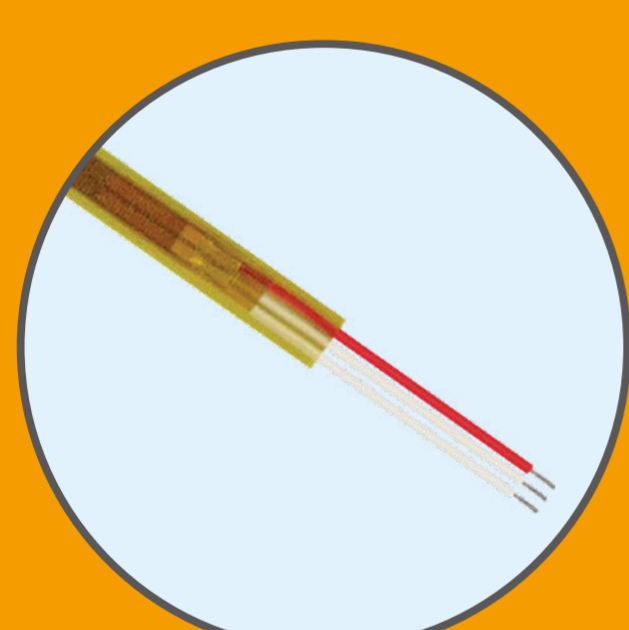
It can check the temperature rise curve when the motor starts, and cuts off the power supply to protect the motor from damage and confirm the safety of workers when the temperature is too high.

High insulation to withstand voltage

High precision

Smaller outer diameter

## Generator Set



### RTD Stator Temperature Sensor

The NTC/PT temperature sensor is used for temperature monitoring of stator windings in large generator sets and measures the average stator coils to avoid insulation damage. Long-term trend data is also available to support parameter adjustments and settings to avoid faults.



Up to 5kV isolation voltage



Up to 180 °C operating temperature



Suitable for large generator sets and motors

TE Connectivity can also customize the product according to the needs of customers

The thickness can be as thin as

**0.76mm**

The shell width can be

**6.35-63.5mm**

depending on the selected induction core

There are many choices for internal induction core,

single core, double core, platinum resistance, copper resistance, nickel resistance, thermocouple

It can meet the requirements of a wide variety of application scenarios

At present, standard products are available for direct supply