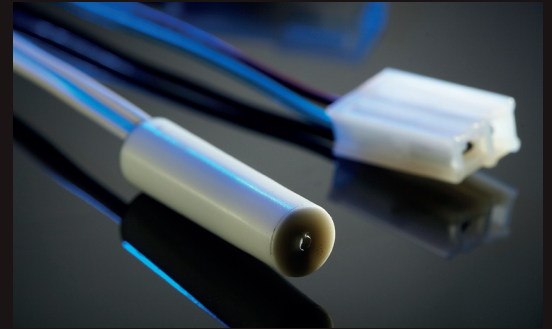


Synergy in technics.



NTC temperature sensors and switches

Temperature sensors are used in sets with electronic temperature thermostats or control electronics. They are **protected with so-called »Over Moduled« technology (high-pressure jet)**. This procedure ensures the use of temperature switches in a wide temperature scale.

Temperature switches as alternatives to bi-metallic switches can be found in household appliances of renowned trademarks, in the car industry and in aeration or climate regulations systems. According to your requirements you can choose between different housings, connections and lengths of connecting duct.

Electronic temperature switches

These devices are **ideal for high voltage** (mains power supply) where **over-temperature or under-temperature protection** is needed. In addition, this family of devices provides production selectable switch hysteresis and various temperature set points.

The TS01/TS02 family is a perfect choice for applications which require an economical solution to temperature control.

Triac output can be used as heater on/off switch.

ELECTRONICS TEMPERATURE SWITCHES TS01; TS02

Features:

- Excellent alternative to bimetal switch; TS01 switch can switch on/off within 1 °C
- Other hysteresis between switch on/off temperature upon customer's request
- Adjustable design possible
- Solid construction protects against moisture, hazardous gases and dust

Applications:

- Household applications (temperature switch in refrigerators for a heater)



NTC Temperature Sensors

The main element of the temperature sensor is a **Thermistor**. Thermistors are highly-sensitive and have very reproducible resistance vs. temperature properties. They are used inside many other devices as temperature sensing and correction devices as well as in specialty temperature sensing probes for commerce, science and industry.

Strip's has developed a general purpose temperature sensor which **combines high accuracy and rugged construction in a cost effective package**. This design is **ideal for use with data loggers and other standard controllers**. It can be used to monitor air temperature and for sensing the level of liquid. This **general purpose design** can be used as either a surface or an air temperature sensor. The design is well suited for applications where the cost is critical and response time is not as critical. The molded plastic housing is available in a wide range of diameters and lengths. **Custom configurations** are available and unique features can be molded in for maximum flexibility. The design can accommodate **a wide range of sensing elements** and is rated for **operation from -40 °C up to 105 °C**.

TEMPERATURE SENSORS TS06/08

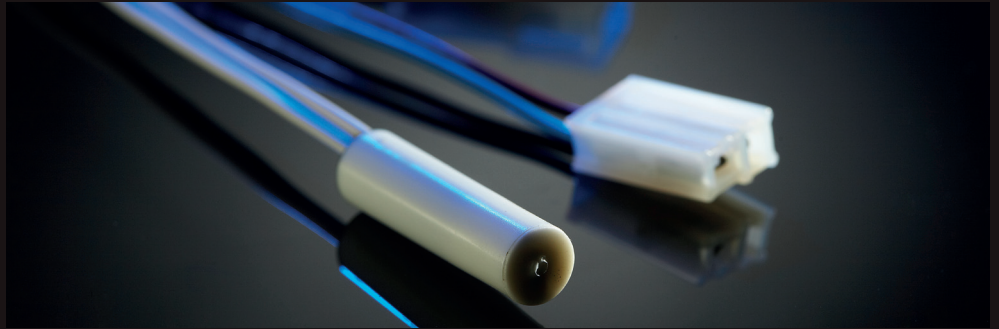
Features:

- Excellent thermal response
- High accuracy thermistor sensor
- Also available in a variety of thermistor resistance values and RvT curves
- Rugged construction. NTC thermistor over-molded in plastic case
- Other cables, colours and connection systems available upon request

Applications:

- General purpose temperature sensing
- Ideal for cost critical applications (temperature measurement in household appliances)
- Can be used for air or surface temperature sensing





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Quality, as one of the most important elements, is manifested as great attention to quality assurance, as well as investment in quality management system. We are certified by ISO 9001:2008 and ISO 14001:2004.