



- ▶ **Compact and rugged design**
- ▶ **Robust against heat, dust and humidity**
- ▶ **Long life and high durability**
- ▶ **Flexible custom specific orders possible**

**Application Areas**

Thermal sensors are used wherever temperatures have to be measured and monitored under difficult conditions (heat, explosion protection, etc.). Example applications are: special detectors for fire warnings in the engine compartment or in local public transport, as well as in fire alarm systems in building technology. In the event of a fire, it can be used as a sensor to automatically switch off the engine or to trigger the fire extinguishing system. Further areas of application are as temperature controllers in heating systems of all kinds, heated tank systems or in control cabinets with EX standards.

Specifications	
Temperature range	-45 to +425° C
Material	PA66, PTFE, stainless steel or brass
Kontakt options	NC / NO
Tolerance	> ± 3k / > ± 3 %
Nominal voltage	up to 250 V / 50 Hz
Protection class	upon request e.g. IP64, IP69k
Live Span	up to 100,000 cycles 10 A