

EMI protected Ring Terminal Sensor

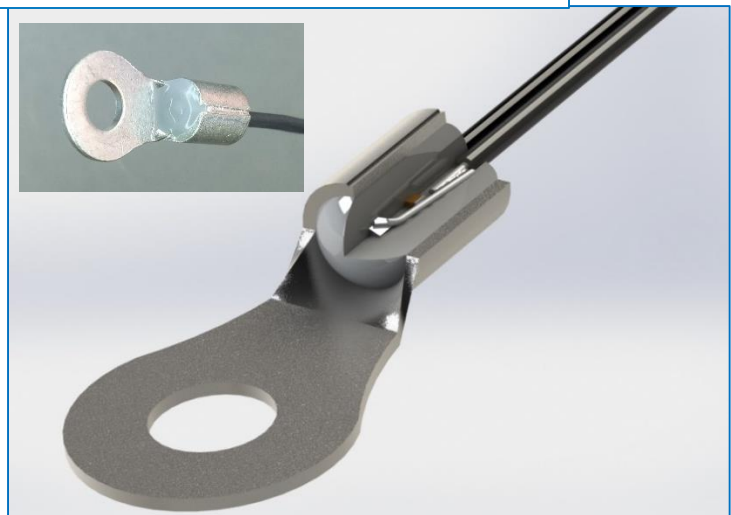
Amphenol Thermometrics UK Ltd have developed an NTC Chip Thermistor mounted in an Eyelet Tag for surface temperature sensor with a novel RF de-coupling function.

They are designed with an integrated bypass capacitor to prevent AC currents generated from resonant EMI coupled with the wiring harness causing nuisance self-heating of the NTC element. These sensors are part of the eyelet JRS range.

Features

- Suitable for surface temperature measurement
- Integrated EMI noise immunity
- EMI protected upgrade for existing applications
- Reduced system cost
 - Eliminate shielded cables
 - Replaces twisted-pair wiring
- Eyelets to fit M3-M10 screw sizes
- Choice of lead lengths

Ring Terminal sensor with integrated capacitor



Applications

- EV/HEV bus bars
- Battery covers
- Power distribution
- Thermal management
- Heat sinks
- Panel enclosures

