

HIGH TEMPERATURE

INDUCTIVE SENSORS



Exceptional working conditions demand uncompromising performance, and Contrinex HIGH TEMPERATURE sensors deliver in sizes M8 to M50. Designed for continuous operation at temperatures up to 180°C (up to 230°C with remote electronics), these sensors are ideal for the harshest environments, including automotive paint shops, metal-treatment plants and glass manufacturing, combining high accuracy with world-class reliability.

KEY ADVANTAGES

- ✓ Highest long-term stability due to fully potted electronics
- ✓ 100 % silicone-free
- ✓ Long sensor life
- ✓ Reliable sensing in high temperature applications
- ✓ Compact construction with integral amplifier for temperatures up to 180°C (356°F)
- ✓ External amplifier module for temperatures up to 230°C (446°F)

RFID TAGS



Designed for environments up to 180 or 250°C, HIGH TEMPERATURE tags offer exceptional longevity and a thermal cycling reliability of 1000 hours (or 1000 cycles). Tags are insensitive to dirt and provide between 128 and 2048 Bytes of user memory. As passive devices, no battery or other power source is required. Housings are impervious (IP 68 & IP 69K).

KEY ADVANTAGES

- ✓ ISO/IEC 15693 compatible, fast data transfer time, user-defined password protection features
- ✓ HF tag RTP-0263-020:
-25 .. +180°C (-13 .. +356°F), embeddable in metal, Ø 26 mm
- ✓ HF tags RTP-0502-0#2:
-25 .. +250°C (-13 .. +482°F), 100% silicone-free, Ø 50 mm