

High Temperature

Inductive Sensors High temperature sensors are designed for continuous operation at temperatures between -25 ° C and +180 ° C. The sensors are fully integrated and their dimensions correspond to XECRO sensors for normal temperatures. This allows for high standardization if an existing sensor needs to be replaced by a high temperature sensor. High temperature sensors are available in sizes from M8 to M30 and are equipped with silicone or Teflon® (PTFE) leads. Silicone cables are very flexible, making them ideal for installations where the sensor is in motion. In contrast, PTFE has excellent robustness but should only be used for static installations.

Features

- Wide temperature ranges
- Robust stainless body
- Polarity reversal and short-circuit protected

Common Specifications

Operating Voltage	10 ... 30 VDC
Reverse Polarity Protection	Built-in
Output Load Capability	200 mA
Short Circuit Protection	Built-in, self-resetting
Voltage Drop	1.5 V @ 200 mA
Operating Temperature	-20 ... 70°C -4 ... 158 °F
Protection Class	IP67
Switching Indicator	Integrated, yellow
Sensing Face Material	PBT

