

FlatPack 21

Surface Mount Temperature Sensors

Hazard Monitoring, Anytime, Anywhere.

Maxi-Tronic leads the industry in providing a wide variety of reliable state-of-the-art and low cost temperature sensors for your hazard monitoring needs.

FlatPack 21™ Surface Mount Sensors monitor the surface temperature of equipment that cannot be monitored with other sensors. Ideal for bearings, gear boxes, motors, mills, or any mechanical equipment.

Use these sensors with Maxi-Tronic temperature controllers, PC and PLC based systems. Combine with the Maxi-Tronic MaxiScan 12M Underspeed Detection and Temperature Controller for complete hazard monitoring and protection.

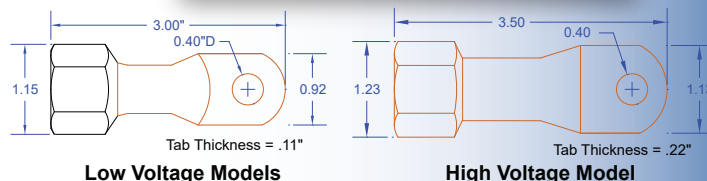
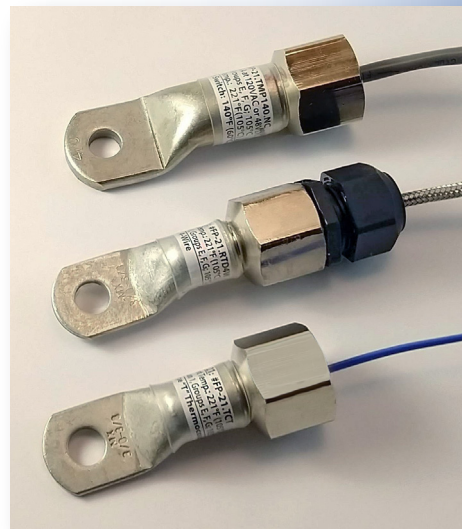
FlatPack 21™ Sensors in Action

- Lug style sensor is easy to install. Bolt or strap on to any surface or place under a Zerk grease fitting. High voltage model includes extended Zerk fitting.
- 3/8" stud mounting hole, other hole sizes available.
- Integrated 1/2" NPT conduit fitting.
- Industry standard TC, RTD, PTC, Temperature Switch and "1-Wire" digital sensor types for industry wide compatibility.
- CSA certified maximum ambient temperature rating: 221°F (105°C). Non-hazardous rating: -40°F (-40°C) to 250°F (127°C). Max. 329°F (165°C) on request.

- CSA certified Class II, Div. 1, Groups E, F, G
- Extremely rugged design.
- "Simple Apparatus" for Intrinsically Safe installations with an approved barrier.



US
CSA Certified
Class 2, Div. 1
Groups E, F, G



Sensor Type Options:

- **Thermocouple:** Type T standard, others available.
- **RTD:** Industry standard PT100 type, 4 conductor cable (2, 3 and 4-wire compatible).
- **PTC Thermistor:** "HBRB" and MaxiScan™ compatible.
- **DigiMax™ Digital:** "1-Wire" digital for DigiMax™ systems, MaxiScan 12/24 Controllers and MaxiTrack™ PC software.
- **High Voltage Temp Switch:** 120VAC 1A rated contacts, N/C or N/O. 105°F through 248°F setpoints available. UL Listed Cable: 20 AWG, PLTC-ER, CMG, 221°F (105°C).

- Fast reacting sensor for continuous monitoring.
- Easy installation and virtually no maintenance.
- Low voltage cables are available with integrated armor.
- Fully compatible with PLCs, DigiMax, MaxiScan 12/24 controllers and MaxiTrack remote monitoring PC software.

1-Wire® is a registered trademark of Dallas Semiconductor Corporation



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