

# 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.

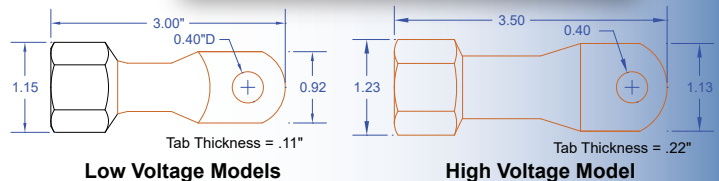
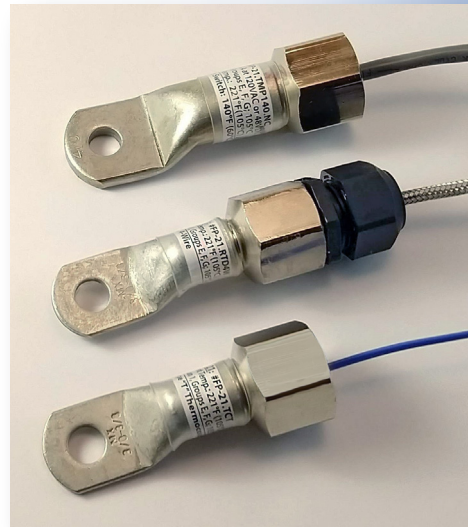
Use these sensors with Maxi-Tronic temperature controllers, PC and PLC based systems. Combine with the Maxi-Tronic MaxiScan 12M Underspeed Detection and Temperature Controller for complete hazard monitoring and protection.

### 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. Cordgrips and armored wire available.
- Standard TC, RTD, 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.



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



### Available Sensor Types:

- **Thermocouple:** Type-T is standard, other types available.
- **RTD:** Industry standard PT100, 4 conductor cable (2, 3 and 4-wire compatible). PT500 and PT1000 also available.
- **PTC Thermistor:** Legacy "HBRB" Controller compatible.
- **DigiMax™ Digital:** "1-Wire" digital for DigiMax™ systems, MaxiScan 12/24 Controllers and MaxiTrack™ PC software.
- **High Voltage Temp Switch:** 5VDC-120VAC 1A rated contacts, N/C or N/O, 105°F through 265°F setpoints available. UL Listed Cable: 20 AWG, PLTC-ER, CMG, 221°F (105°C).

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

- 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



417 Wards Corner Rd., Loveland, OH, 45140

513-398-2500

MT-1020-2021106

800-659-8250

[www.maxitronic.com](http://www.maxitronic.com)

[info@maxitronic.com](mailto:info@maxitronic.com)