

**NOTES:**

- WARNING:** This drawing does not illustrate completely the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.
- LED Indicators:**  
Run LED – Blinking indicates on-board PIC running.  
Activity LED – Blinking indicates buss activity.  
Mode LED – 00 = Normal 01 = Reset
- LED Operation:**  
Register 0.7.7 = 0 – Power Save Mode (LEDs off when MMI disconnected)  
Register 0.7.7 = 1 – LEDs on all the time.
- The RTD leads attached to this device must not contact any external voltage source. Damage to the device will result from connection between the thermocouple leads and the ignition system, or any AC or DC power source  
Do not run in the same conduit as ignition or other high-energy wires. Keep secondary wires to spark plugs and other high-voltage wiring at least 8 inches away from thermocouple and extension wiring.
- If it becomes necessary to check the thermocouple with an ohmmeter or some other type of checker, first unplug the RTD connector at the module. This will prevent possible damage to the Module's sensitive low-voltage detection circuitry.
- TFIO modules with the M2 designation are designed to operate at 12 and 24 volts. All other functions of the module are the same.

There are 4 configurable points available on the RTD Module. The module is designed to monitor temperatures using 4-wire 100Ω Platinum RTD probes with a Temperature Coefficient of 0.00385Ω/Ω/°C.

