

# Micro Oscillator, Inc. Universal Sensor Family

Proximity, Metal Detection, Capacitive Touch, Humidity, Pressure, Temperature, & Strain Gages.

For use with Resistive, Inductive ,  
or Capacitive Sensors.

Low-Med  
Radiation

High  
Radiation

Extreme  
Radiation

Extreme Temp  
Up to 600°C

SiC Planned

High Temp  
Up to 250°C

Si JFETS  
12 – 30 Volt  
Operation

GaN  
Planned

Mil Temp  
-55 to 125°C

CMOS  
Commercial  
1 – 2 Volt  
Operation

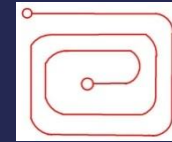
Bipolar  
Transistor  
3 – 30 Volt  
Operation

GaAs FETs  
2-3 Volt  
Operation

# Micro Oscillator, Inc. Universal Sensor Family

For use with Resistive, Inductive ,  
or Capacitive Sensors.

**Inductive:** Proximity sensing, Metal Detection-ferrous/nonferrous  
(capable of being tuned to specific metals).



**Capacitive:** Touch, Proximity, Pressure, & Humidity.



**Resistive:** Pressure, Temperature, Humidity, Strain Gages.

