

Hardware At-A-Glance:

Analog Adapter

(IoT HUB Accessory)

Now your IoT HUB can monitor nearly any common process signal. The Analog Adapter can accept voltage/current signals, allowing you to trend and alert these values in real time, just like traditional vibration data.



Analog Adapter Applications:

**Requires AC-powered Hub or +24V external power through Hub Trigger/Power port.*

- Speed Monitoring
- Object Detection
- Oil Quality Analysis
- Ultrasonic Monitoring
- Pressure Monitoring
- Temperature Monitoring
- Energy Consumption
- Motor Current Signature Analysis (MCSA)



The Analog Adapter requires an IoT HUB for use.

The SMARTdiagnostics IOT HUB is the next generation of full asset health solutions designed to handle the most complex asset monitoring needs. **Including:** triggered collections, multi-functional sensor ports, and the ability to withstand higher temperatures with external power sourcing, with optional wired power solution.

Power	Provides power for most transducer types
Mode	Software selectable voltage or current input
Voltage Signals	0-10 V, -10 to +10 V, and 4-20 mA
Configurable Sampling Frequency	62 -8192 Hz
Memory	4096-sample
Converter	16-bit high-performance Analog-to-Digital
Temperature Sensor	Internal
Operating Temperature	-40 to 185°F (-40 to 85°C)
Case	Chemical-resistant polycarbonate alloy with stainless steel cable entries
Connector	Standard M12 4-Pin A-coded Male connector

Key Features:



Water Treatment Plant, PA