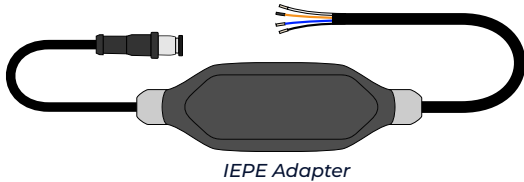


Hardware At-A-Glance:

IEPE Adapter

(IoT HUB Accessory)

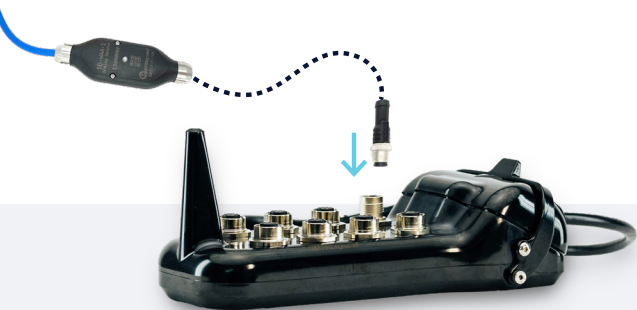
Bring your existing or add new integrated electronics piezo-electric (IEPE) accelerometers or dynamic pressure sensors to SMARTdiagnostics. The IEPE Adapter enables data collection from these commonly used transducers that may already be installed on your equipment.



With the IEPE Adapter, collect 24/7 vibration data without changing infrastructure.

IEPE accelerometers are commonly used for route-based preventive maintenance and monitoring. The IEPE adapter can monitor a single axis accelerometer/transducer and provide up to 8 kHz measurement bandwidth for early onset detection of potential machine failures.

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



The IEPE 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.

Key Features:

Power Source	Integrated 4 mA constant-current
Detection	Transducer short or open-circuit
Input	0-2.0V auxiliary analog
Configurable Sampling Frequency	125 Hz-16 kHz
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	Pigtail leads to accommodate various customer installations offered, standard connectors (e.g. 2-Pin MIL-C-5015) available at time of order



Water Treatment Plant, PA