

# Machine Runtime & Condition Data Hardware

Start with run status, current, fault contacts and run-hour data. Vibration and temperature are considered only after the measurement method, installation and data path pass technical review.

## WHAT THIS HARDWARE ADDRESSES

- Collect motor current, run-hour and fault-contact status
- Add after-market monitoring inputs to machines
- Provide documented data to an existing maintenance system
- Capture vibration and temperature only after the technical method is defined

## STARTING HARDWARE PATHS

### Machine Run / Current I/O Kit (M1)

- Remote I/O, RTU or gateway
- Current or run-status sensing
- Fault-contact and optional temperature input

### Vibration & Temperature Node Kit (M2 - Technical validation / RFQ-only)

- Vibration and temperature sensing node
- Wired or wireless data path where required
- Mounting accessories

## INTERFACES AND DATA HANDOFF

- M1 may use current, DI, temperature, RS485 or remote I/O inputs
- M2 exact-model evidence must confirm axes, bandwidth, sampling, outputs and calibration status
- Data delivery is reviewed against the customer PdM, CMMS, SCADA or API requirement

**DOCUMENT TYPE:** Selection Guide / Application One-Pager

**APPLICABLE FAMILY:** Machine Runtime & Condition Data Hardware

**VERSION / REVIEWED / LANGUAGE:** 1.0 / 2026-07-20 / English

**EVIDENCE STATUS:** Representative product-family capability; exact model and configuration pending quotation review



Split-Core Current Sensor



Modular Remote I/O System

REPRESENTATIVE PRODUCT-FAMILY IMAGES - NOT EXACT SKU PHOTOS

## CONFIRM BEFORE QUOTATION

- Machine manufacturer/model and quantity
- Measurement points and shaft speed
- Available run/current/fault signals
- Vibration outputs, bandwidth, sampling and axes if M2
- Temperature and current requirements
- Existing PLC/VFD and interfaces

## PROJECT BOUNDARY

AI predictive diagnosis | Failure-prediction guarantee | Maintenance decision or root-cause conclusion