

## 1900/65 Continues to Add Functionality

### RTD and machine speed inputs now supported along with trip multiply capabilities

Introduced in 2005, our 1900/65 general-purpose equipment monitor filled an important condition monitoring niche for customers: the ability to apply cost-effective, high-integrity machinery protection to less-critical assets. Since introduction, we have steadily enhanced this 8-channel product. In the last issue of ORBIT, we highlighted the product's new Modbus® communications capabilities, allowing simplified and comprehensive communications with plant control and automation systems. Now, we are pleased to introduce numerous additional enhancements: support for RTD and speed inputs, additional communications options, and trip multiply/alarm inhibit functionality.

- **RTD inputs**

2- and 3-wire RTDs can now be used for monitoring temperature in addition to the 1900/65's support for thermocouple and vibration inputs.

- **Enhanced vibration capabilities**

Vibration channels can now be configured for acceleration, velocity, or Proximator® inputs with support for both radial vibration and thrust position measurement types. In addition, new signal processing capabilities have been introduced, allowing the 1900/65 to be applied to selected reciprocating compressors when only basic casing vibration protection is required.

- **Speed Inputs now supported**

A new channel type is available for proximity probe inputs, allowing machine speed to be measured along with vibration, thrust position, and temperature.



- **More communication options**

Users' options for establishing Modbus communication links have been improved, with the 1900/65 now supporting your choice of Ethernet and RS232/RS485 serial links for this industry-standard protocol.

- **Trip Multiply/Alarm Inhibit**

Another important enhancement includes the addition of Trip Multiply and Alarm Inhibit (see our companion "Back to Basics" article on page 26). These functions can be activated using inputs from contact closures or via the optional Modbus communication link.

Learn more from your nearest sales professional or by visiting [www.ge.com/energy](http://www.ge.com/energy) and entering "1900/65" in our search engine.