

Electro-Sensors, Inc. Releases ION Modbus RTU I/O Modules



Minnetonka, MN—Electro-Sensors, Inc. announces the release of new ION Modbus Network Nodes to simplify remote sensor installation and help to save on wiring costs. IONs are available with 12 analog inputs or 6 discrete inputs and 6 relay outputs making them ideal for remote data acquisition and machinery control applications. Input and sensor power terminals are mis-wire and short-circuit protected.

Directly connecting to PLCs, touchscreens and PCs, these devices offer high data throughput with less than 1 mS latency. LED status indicators provide clear, visual indication of power, communication and

fault conditions to ensure you are always aware of your system's status. Pluggable terminal blocks for power input, isolated 2-wire RS485 network port, sensor connection (including 24Vdc protected sensor power outputs) and relay outputs make wiring and installation minimal and easy.

Analog Input Node (AIN) Features

- Read up to 12 (4-20mA) analog output sensors such as bearing temperature, belt alignment, belt or shaft speed.
- Read up to 372 (4-20mA) analog output sensors in one network (full network of 31 AIN nodes)

Discrete Input/Output Node (DIO) Features

- Read up to 6 switches or discrete output sensors such as panel and limit switches or proximity sensors
- Read up to 186 switches or discrete output sensors (full network of 31 DIO nodes)

Electro-Sensors, Inc. is a leading manufacturer of machine monitoring sensors and hazard monitoring systems. Since 1965, we have been delivering the most rugged and reliable machine monitoring solutions to customers world-wide. We pride ourselves on supplying easy-to-install, complete systems designed to last for many years of accurate service.