ION Sensor Network I/O Module

- Single daisy-chain network uses inexpensive cable and significantly reduces system cable lengths

- Ease of installation and maintenance

- Scalable — single or multi-leg system capability

- Available in analog (12 inputs) or discrete (6 inputs, 6 output) versions

- Connect directly to PLC via Modbus RTU

- Easily deploy up to 31 nodes

- DIN rail mountable module for easy installation

- LED indicator for at-a-glance status of power, communication, internal fault and communication fault

- Complete systems update in less than 1 second

- Up to 4,000 foot network cable length

- Input and sensor power terminals are mis-wire and short-circuit protected
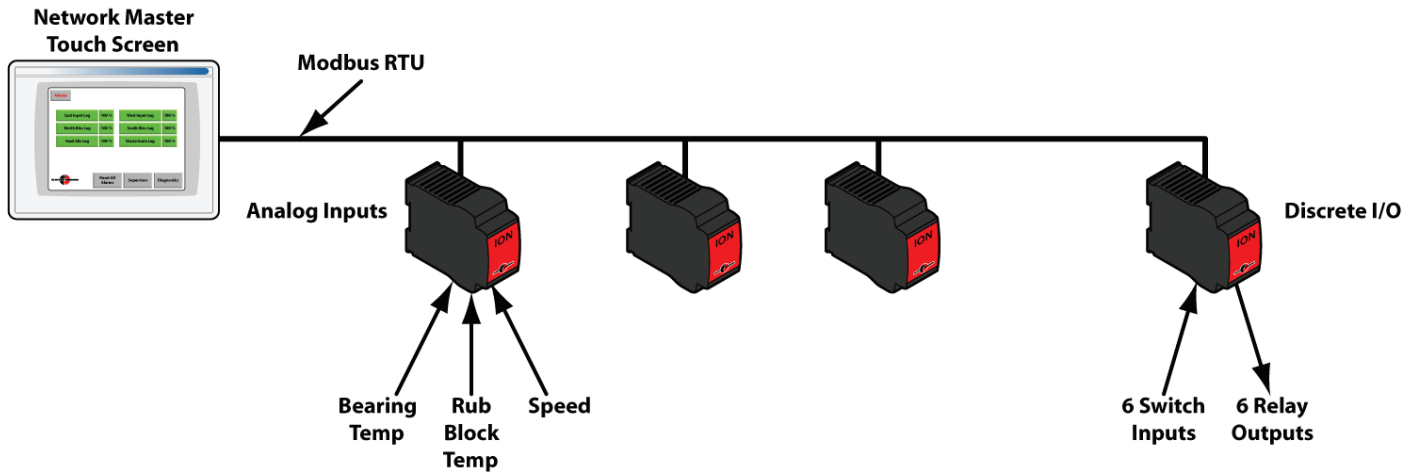
Product Information

Analog Input Node (AIN) Features

- Read up to 12 analog sensors such as bearing temperature, belt alignment, belt or shaft speed.

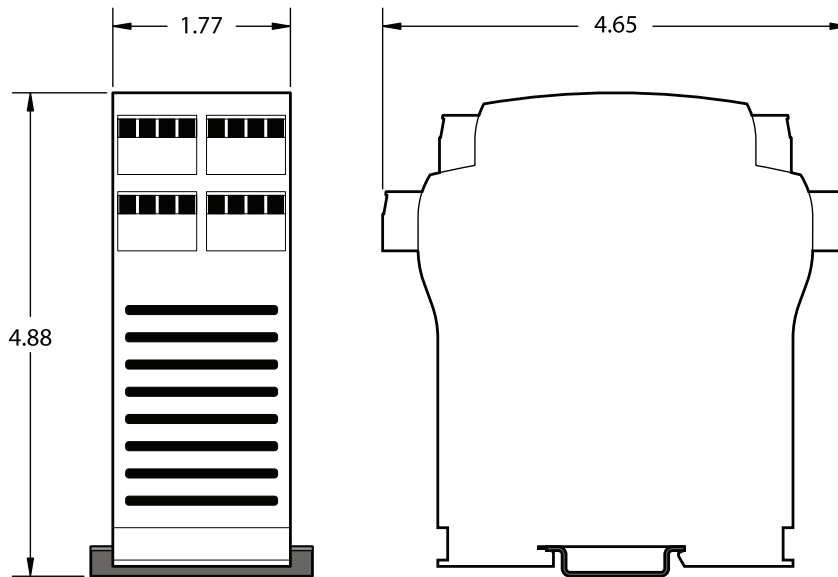- Read up to 372 analog sensors in one network (all 31 nodes are AIN)

Discrete Input/Output Node (DIO) Features

- Read up to 6 switches or discrete sensor outputs such as panel and limit switches or proximity sensors

- Read up to 186 switches or discrete sensor outputs (all 31 nodes are DIO)

ION Sensor Network I/O Module

Network Master
Touch Screen

Modbus RTU

Analog Inputs

Discrete I/O

Bearing Temp   Rub Block Temp   Speed

6 Switch Inputs   6 Relay Outputs

Dimensions

1.77

4.65

4.88

Specifications subject to change without notice.

ES 520 Rev B

6111 Blue Circle Drive
Minnetonka, MN 55343
Phone: 952-930-0100
Fax: 952-930-0130
ISO9001:2008 Certified

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