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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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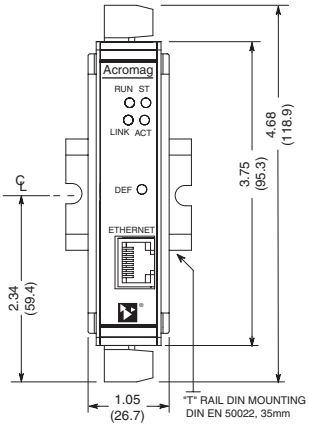
Find the *Acromag BusWorks 968EN-4008* at our website: *Click HERE*

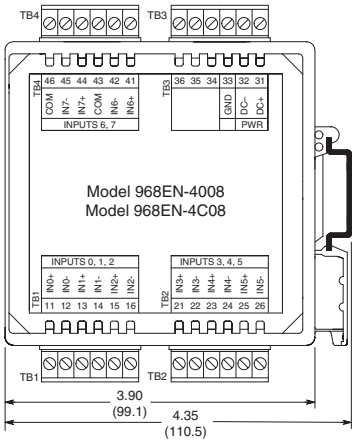
Ethernet I/O: BusWorks® Series

968EN Ethernet Analog Input Modules

RoHS Compliant | Ex | c UL us LISTED | CE | 24 HOUR STOCK ITEM | 2 YEAR WARRANTY







Standard model includes cage clamp terminal blocks. Optional terminals are available (see Page 26).

Modbus/TCP conformance tested

8-channel Differential Analog Voltage Input ◆ Modbus TCP/IP, i2o® Peer-to-peer Communication

Description

Models

968EN-4008: Industrial-grade units
968EN-4C08: Commercial-grade units

These modules interface high-level analog input signals to an Ethernet network. A high-performance design ensures reliable measurements and dependable operation.

Industrial-grade models add a configurable integrator/totalizer plus superior accuracy and temperature performance compared to the economical commercial-grade version.

Input Ranges

±5V, ±10V DC (selectable on each channel)

Ethernet Communication

Modbus TCP/IP, 10/100Base-T(X),
i2o peer-to-peer

Power Requirement

18 to 36V DC, 2.4W

Approvals

CE, UL/cUL (industrial-grade units only)
Zone 2, Class 1, Division 2, ABCD

Key Features & Benefits

- High-resolution 16-bit A/D
- Fast scanning of all channels in 8mS
- 3-way isolation and surge suppression
- Peer-to-peer i2o communication with percent-of-span or timed-based updates
- Configurable integration/totalization function with non-volatile registers
- Dual-format 16/32-bit data registers
- Scaling registers on all channels
- Configurable sample averaging
- Automatic calibration and self-test
- User-adjustable TCP Ports 1-99,999 for advanced network configuration
- Web browser configuration with copy utility for fast setup

i2o® Peer-to-peer Messaging

With Acromag's i2o technology, you can map each input channel to any output channel on a 97xEN-400x output unit. Select updates based on time or on a percent of range change (100mS or 0.1% resolution).

Performance Specifications

Accuracy
968EN-4008: Less than 0.05% of range
968EN-4C08: Less than 0.10% of range

Input Impedance
4M ohms

Operating Temperature and Humidity Ranges
968EN-4008: -40 to 70°C (-40 to 158°F)
968EN-4C08: 0 to 55°C (32 to 131°F)
Relative humidity: 5 to 95%, non-condensing

Isolation
3-way isolation of I/O, power, network circuits.
Peak: 1500V AC, ANSI/ISA-82.01-1988
Continuous: 250V AC, 354V DC

Ordering Information

◆ I/O Modules

968EN-4008 {industrial-grade}
8-ch voltage input module with integrator

968EN-4C08 {commercial-grade*}
8-ch voltage input module

* CE approval only, no integrator function

◆ Accessories

Industrial Ethernet Switches
Hardware Accessories and Power Supplies
Software Support

Acromag® THE LEADER IN INDUSTRIAL I/O

Tel: 248-295-0880 ■ sales@acromag.com ■ www.acromag.com ■ 30765 S Wixom Rd, Wixom, MI 48393 USA

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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