

Expandable Ethernet I/O modules now support three field-selectable protocols for networks using Profinet, EtherNet/IP, and Modbus TCP/IP

Acromag's new BusWorks® NT series remote I/O modules are now enhanced with Profinet support. Profinet is traditional Ethernet combined with an industrial application layer protocol targeted to industrial automation. Applications for these high-performance Ethernet I/O modules are remote monitoring and control, factory automation, process instrumentation, predictive maintenance, HVAC/energy management, motion control, and more.



These modules were tested at the PROFI Interface Center and received a certificate of conformance to the Profinet standards from the PROFIBUS Nutzerorganisation. The certification ensures interoperability across vendors and systems.

NTE Ethernet I/O models have dual RJ45 ports and a webserver for monitoring or controlling its I/O channels interfacing sensors or actuators with system controllers. The communication protocol is field-configurable for Profinet, Modbus TCP/IP or Ethernet/IP communication. Each I/O module offers up to 16 input or output signals for voltage, current, temperature, TTL, and relay control signals. An integrated DIN rail bus enables connection of up to three NTX expansion I/O modules, supporting 64 channels with a mix of I/O functions networked on a single IP address. NTE Ethernet I/O modules distribute 9-32V DC power along the DIN rail bus to NTX expansion modules. The space-saving design requires only 25mm of DIN rail per module. Hazardous location approvals, high noise immunity, and -40 to 70°C operation make this I/O ideal for use in harsh environments.

For more information or to purchase, please contact a member of our sales team info@daviscontrols.com