

Motion Controllers for Networked PLC's

Terryville, CT – July 29, 2016 – Advanced Micro Controls Inc. (AMCI), announces the addition of their ANF1 & ANF2 motion controllers with network communication, expanding their family of AnyNET Networked Specialty I/O products. AMCI's [ANF1 & ANF2 stepper/servo controllers](#) integrate a network connection and expansion capabilities to provide a modern, versatile motion control solution for any PLC-based system.

ANF1 & ANF2 AnyNET I/O Motion Controller Features:

- 1-or-2 axis motion controllers
- Interpolated motion (circular & linear) available on ANF2 2-axis unit
- Use for servo or stepper control
- Choose EtherNet IP, Modbus-TCP, or Profibus-DP
- Compatible w/ today's leading PLC's or PAC's
- Simplified programming via the host controllers' native software



The AnyNET I/O ANF1 & ANF2 are fully featured 1 or 2 axis motion controllers that communicate with the host controller (PLC or PAC) over the EtherNet/IP, Modbus-TCP, or Profibus-DP network. The modules offer one or two independent motion control axes that function in an open-loop configuration, or closed loop using the available encoder feedback. Each axis can be used to drive a stepper or a servo with step/direction input capability. The ANF2 can synchronize its two axes, giving you the ability to control linear and circular motions in an XY plane. It easily mounts on a standard DIN rail, simplifying installation and lowering costs.

The ANF1 & ANF2 are compatible with any PLC that support EtherNet/IP, Modbus-TCP or Profibus-DP, and are programmed using the input/output registers within the host controller. No additional software is required to use the motion controllers with the PLC/PAC.

Expandable Motion Control: 1 – 12 Axes

AnyNET I/O easily expands from 1 to 6 I/O modules by stacking additional units onto the “gateway”, and only requires a single network connection for all communication. This solution enables the support of up to 12 motion axes over a single network connection, which reduces physical wiring and streamlines data traffic over the network.

AMCI's fastest-growing product family, AnyNET Networked Specialty I/O, includes hard to find solutions for position sensing and motion control applications. For more information on AMCI's AnyNET I/O family, visit our website>> www.amci.com/plc-automation-products/specialty-io/distributed-io/anynet-networked-specialty-io/



About Advanced Micro Controls Inc.

Founded in 1985, Advanced Micro Controls, Inc. (AMCI) is a leading U.S. based manufacturer with a global presence. AMCI industrial control products improve PLC-based automation systems with specialized position sensing and motion control technology that simplifies automation and adds reliability to manufacturing processes. AMCI designs and manufactures all of their products, enabling superior quality and innovation. The company provides 24/7 technical support staff, ready to answer questions about installation, configuration and operation of all AMCI products.

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