

Resolver Interface for Networked PLCs

Terryville, CT – Advanced Micro Controls Inc. (AMCI), announces the addition of their ANA2 Resolver Interface Module to the AnyNET I/O family of PLC-based specialty I/O products. AMCI's AnyNET Resolver Interface integrates a network connection and expansion capabilities to provide a modern, versatile resolver feedback solution for any PLC-based system. The ANA2 expands up to six 2-channel modules, allowing users to interface up to 12 resolver sensors using a single network connection. The interface programs through the host controller's (PLC) software, and is compatible with most resolver transducers on the market.

ANA2 AnyNET I/O Resolver Interface Features:

- Direct interface to most resolver transducers
- Built-in network interface
- Fully programmable Reference Voltage, Frequency, & Transformation ratio
- 16-bit resolution (up to 65,536 counts)
- Supports up to 12 resolver sensors on a single network connection
- Each ANA2 unit can connect to two single resolver transducers or to one dual resolver transducer
- Provides absolute position and velocity data for resolvers
- Position scaling that simplifies sensor data
- Easy programming without additional software
- DIN rail mounting



Overview

The AnyNET I/O ANA2 is a full featured 2-channel Resolver interface that communicates with the host controller (PLC or PAC) over the network. The interface satisfies a wide range of applications because of its flexible design. It easily mounts on a standard DIN rail, simplifying installation and lowering costs.

The ANA2 is compatible with any PLC that supports the product's available networks since it's programmed using the input/output registers within the host controller. No additional software is required to use the Resolver interface with the PLC/PAC. Users have the option of configuring & testing the ANA2 using AMCI's convenient PC-based Net Configurator software (downloaded at no charge).

Modular Design

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 resolver sensors over a single network connection, which reduces physical wiring and streamlines data traffic over the network.

AMCI's AnyNET I/O family now includes: [ANA2 Resolver Interface](#), [ANG1 Stepper Controller/Drive](#), [ANE2 SSI Interface](#), & [LVDT/RVDT Signal Conditioner](#). For more information on AMCI's AnyNET I/O family, visit our website>> www.amci.com/anynet

About Advanced Micro Controls Inc.

Founded in 1985, Advanced Micro Controls Inc ([AMCI](#)) is a leading U.S. based manufacturer with a global presence. Our industrial controls improve the performance and profitability of today's factory and automation systems. AMCI specializes in the design, manufacturing, and sales of eight different product families. Long standing relationships with the biggest names in industrial automation enable our team to deliver innovative, competitive products that are designed for years of reliable performance.

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