

Beckhoff – TwinCAT PLC/IO Devices

Summary Information

Communication Driver Name: TwinCAT

Implementation DLL: T.ProtocolDriver, TwinCAT.dll

Protocol: ADS

Interface: TCP/IP

PLC types supported: Beckhoff TwinCAT PLC/IO and compatibles

Manufacturer: Beckhoff

PC Hardware requirements: Ethernet board

Nodes Configuration

Station Configuration

Stations syntax: <AmsNetID>;<AmsSrvPort>

Where :

- **<AmsNetID>** = The AmsNet ID of the PLC
- **<AmsSrvPort>** = The Port number used for communication

E.g.: 192.168.1.1.1.1; 801

Points Configuration

Address

The syntax for the TwinCAT communication points is: <DeviceTagName>

Where:

- **<DeviceTagName>** = The Tag Name in the PLC

E.g.: .TAGNAME

Troubleshoot

The status of the driver's execution can be observed through the diagnostic tools, which are:

- Trace window
- Property Watch
- Module Information

The above tools indicate if the operations have succeeded or have failed. A status of 0 (zero) means communication is successful. Negative values indicate internal driver errors, and positive values indicate protocol error codes.