Simulator Driver

For a generic explanation on Device Module, Channels, Nodes, and Points configuration, please refer to the reference guide.

> Quick video tutorial (no audio)

Summary Information

Communication Driver Name: TSimulator - SCADA Random Values

Current Version: 1.0.0.0

Implementation DLL: T.ProtocolDriver.TSimulator.dll

Channel Configuration

Protocol Options: Not used in this driver

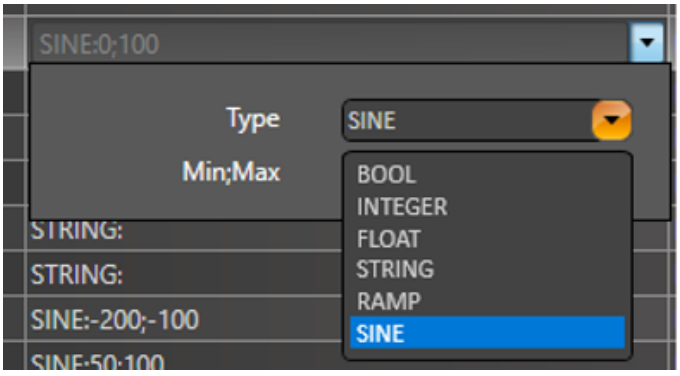
Node Configuration: Not used in this driver

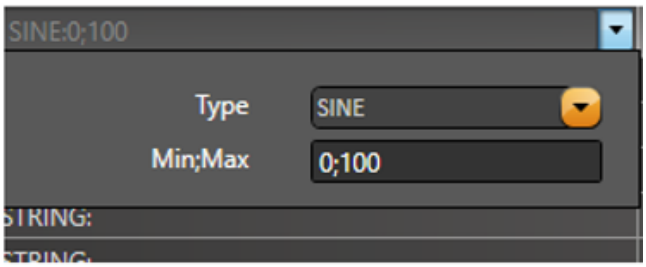
Point Configuration

The syntax for the TSimulator communication points is: <Type>:<Min>;<Max>

Where **Type**: Represents the Simulation Type:

- BOOL;
- INTEGER;
- FLOAT;
- STRING;
- RAMP;
- SINE;





For the **STRING** simulation type, the **StringLength** can be configured in the Modifiers column.

Example Points Configuration

TagName	Node	Address	DataType	AccessType	Modifiers
MySine	SimulatorNode	SINE:-50;50	Native	Read	
MyRamp	SimulatorNode	RAMP:0;100	Native	Read	
MyString	SimulatorNode	STRING:	Native	Read	StringLength=5
MyBool	SimulatorNode	BOOL:	Native	Read	
MyInt	SimulatorNode	INTEGER:0;10	Native	Read	

MyFloat	SimulatorNode	FLOAT:-500;-100	Native	Read	

Troubleshoot

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

- Trace window
- Property Watch
- Module Information

A status value of 0 (zero) means the communication is a success. Negative values indicate an internal driver error and positive values mean there are protocol errors.