

# TSimulator

## 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

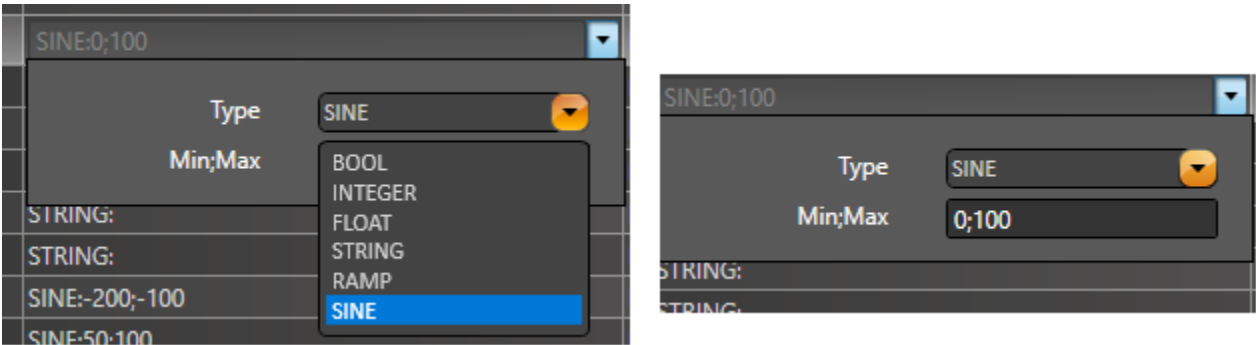
Not used in this driver

## 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
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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 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.