

# Sinumerik 808D Serial

Refer to these sections for details:

- [Supported Series](#)
- [PLC Connection Settings](#)
- [LoopEdge DeviceHub Configuration](#)
- [Device Addresses](#)

## Supported Series

Siemens SINUMERIK 808D series.

Website: <http://www.siemens.com/entry/cc/en/>

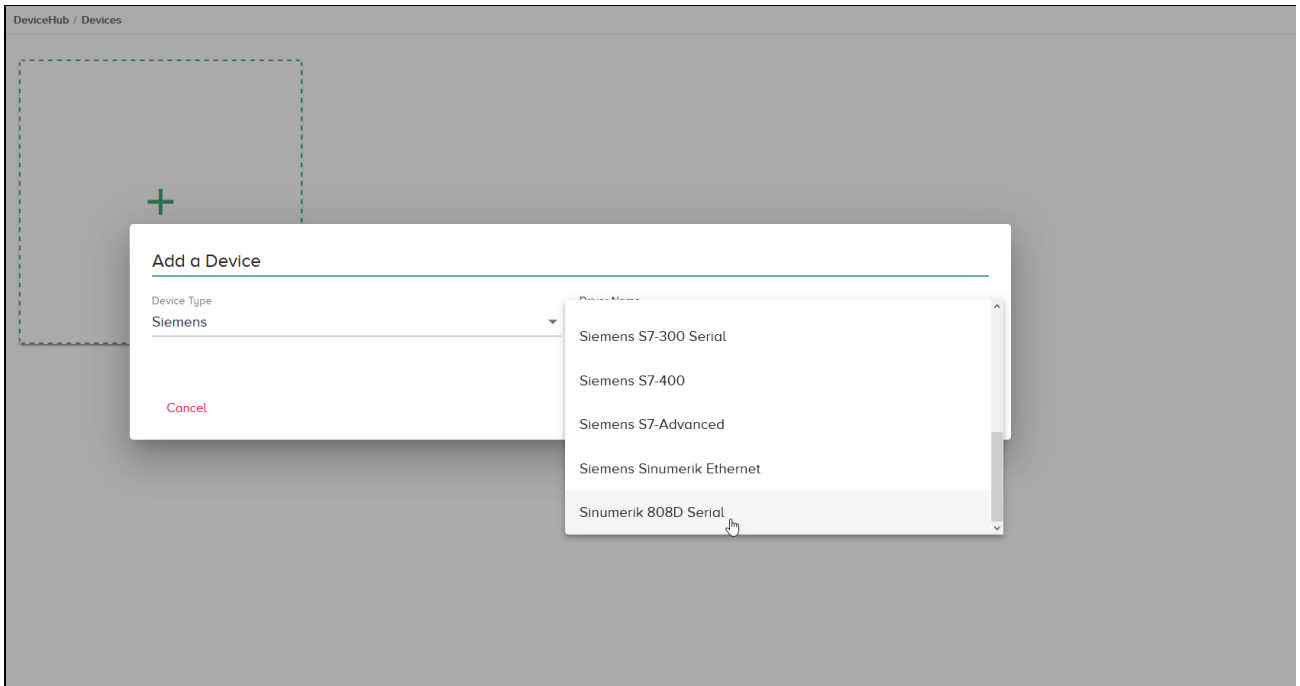
## PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Sinumerik 808D		
PLC Interface	RS232		
Baud Rate	38400		
Data Bits	8	7, 8	
Parity	Even	Even, Odd, None	
Stop Bits	1	1, 2	
PLC Station #	1		

## LoopEdge DeviceHub Configuration

To configure DeviceHub for this Sinumerik 808D Serial PLC:

1. DeviceHub > Add Device  
Type: Siemens  
Driver: Sinumerik 808D Serial



2. Enter details specific to your environment and click Add Device.

**Add a Device**

Device Type: Siemens | Driver Name: Sinumerik 808D Serial

Name: \_\_\_\_\_  
This is a Device Name.

Description: Sinumerik PLC  
This is a description of device.

Data Bits: 8 | Communication Port: /dev/ttyS0  
This is a serial communication databits parameter. | This is a system device file path of device.

Baud Rate: 38400 | Parity: Even  
This is a serial communication baudrate parameter. | This is a serial communication parity parameter.

Station Id: 1 | Stop Bits: 1  
This is a serial communication stopbits parameter.

Add Device | Cancel

## Device Addresses

Bit/Word	DeviceType	Format	Range	Description
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M_Bit	DDDDo	0 ~ 40957	Bit Memory
B	V_Bit	DDDDDDDDo	0 ~ 100000007	V Memory Bit Address
B	S_Bit	DDDdo	0 ~ 40957	SCR
B	SM_Bit	DDDdo	0 ~ 40957	Special Memory
B	T_Bit	DDDo	0 ~ 2557	Timer bit
B	C_Bit	DDDo	0 ~ 2557	Counter bit
W	M	DDDDD	0 ~ 10239	
W	S	DDDDD	0 ~ 10239	
W	SM	DDDDD	0 ~ 10239	Special Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
W	V	DDDDDDDD	0 ~ 10000000	