

Siemens S7-200 SMART PPI

Supported Series: Siemens S7-200 SMART series PLC

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

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Siemens S7-200 SMART PPI		
PLC I/F	RS485 2W	RS485 2W	
Baud rate	9600	9600, 19200, 187.5K	Only MT6000/8000V2 support baud rate 187.5 K
Data bits	8	7,8	
Parity	Even	Even, Odd, None	
Stop bits	1	1, 2	
Turn around delay	5		
ACK delay time (ms)	30		
PLC sta. no.	2	1 ~ 126	

Online simulator	YES	Extend address mode	NO
Broadcast command	NO		

PLC Setting:

PLC setting	PLC sta. no. can not be the same as HMI sta. no.
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Device Address:

Bit/Word	Device type	Format	Range	Memo
B	I	DDo	0 ~ 317	Input
B	Q	DDo	0 ~ 317	Output
B	M	DDo	0 ~ 317	Bit Memory
B	V	DDDDDo	0 ~ 204797	V Memory bit
B	S	DDo	0 ~ 317	SCR
B	SM	DDDDDo	0 ~ 15357	Special Memory Bit
B	Timer	DDD	0 ~ 255	Timer
B	Counter	DDD	0 ~ 255	Counter
W	MW	DD	0 ~ 30	Word Memory
W	VW	DDDDD	0 ~ 20478	V Memory

Bit/Word	Device type	Format	Range	Memo
W	SMW	DDDD	0 ~ 1534	Special Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
W	AIW	DDD	0 ~ 110	Analog input
W	AQW	DDD	0 ~ 110	Analog Output
DW	VD	DDDDD	0 ~ 20476	V Memory (Double Word)
Byte	VB	DDDD	0 ~ 8191	V Memory (Byte)

- Double Word and floating point value must use VD device type.

Wiring Diagram:

Diagram 1

RS-485 2W

The serial port pin assignments may vary between HMI models, please click the following link for more information.

