

SIEMENS S7/300 MPI

Siemens S7/300 series PLC

<http://www.ad.siemens.com>

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	SIEMENS S7/300 MPI		
Com port	RS485 2w		
Baud rate	187.5K		
Parity bit	Even		
Data Bits	8		
Stop Bits	1		
PLC Station No.	2		

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	I	dddd(o)	0-40957	Input (I)
B	Q	dddd(o)	0-40957	Output (O)
B	M	dddd(o)	0-40957	Bit Memory
B	DB0Bit-DB99Bit	dddd(o)	0-81927	Data register bit
W	DB0-DB99	dddd	0-8192	Data register(must be even)
W	IW	dddd	0-4095	Input (I)
W	QW	dddd	0-4095	Output (O)
W	MW	dddd	0-4095	Bit Memory
W	DBn	dddddd	000000-998192	Data register(must be even)
DW	DBDn	ffdddd	ff:0-99, dddd:0-8192	Data register double word

* Double word and Floating point value must use DBDn PLC device type.

Wiring diagram:

MT8000iV series HMI

RS485 2w 9P D-SUB Female

S7-200 PPI / 9P D-SUB Male

S7-300 MPI / 9P D-SUB Male

