

# SIEMENS S7/300

Siemens S7/300 series PLC

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

## HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	SIEMENS S7/300		
Com port	RS232		
Baud rate	19200, 38400	9600, 19200,38400,57600,115200	Must same as the PLC setting
Parity bit	Odd		
Data Bits	8		
Stop Bits	1		
HMI Station No.	0		Does not apply to this protocol
PLC Station No.	2		Must same as the PLC setting

## PLC Setting:

Communication mode	
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## Device address:

Bit/Word	Device Type	Format	Range	Memo
B	I	ddd(o)	0-40957	Input (I)
B	Q	ddd(o)	0-40957	Output (O)
B	M	ddd(o)	0-40957	Bit Memory
B	DB0Bit-DB99Bit	ddd(o)	0-81927	Data register bit
W	DB0-DB99	ddd	0-8192	Data register(must be even)
W	IW	ddd	0-4095	Input (I)
W	QW	ddd	0-4095	Output (O)
W	MW	ddd	0-4095	Bit Memory
W	DBn	fffddd	fff:0-255, dddd:0-8192	Data register(must be even)
DW	DBDn	fffddd	fff:0-255, dddd:0-8192	Data register double word

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

# Wiring diagram:

## MT8000 RS232

9P D-SUB Male

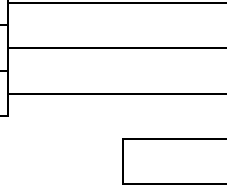
COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

## SIEMENS S7/300 PC

adapter RS232 Port

9P D-SUB Male

2 RXD
3 TXD
5 GND
7 RTS
8 CTS



## MT8000 RS232

9P D-SUB Male

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

## Systeme Helmholz

SSW7-TS

9P D-SUB Male

2 RXD
3 TXD
5 GND
7 RTS
8 CTS
4 DTR
6 DSR

