

EMERSON PLC EC20

Supported Series: EMERSON PLC EC20 Series. (Modbus RTU Protocol)

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	EMERSON PLC EC20		
PLC I/F	RS232		
Baud rate	9600	9600, 19200, 115200	
Data bits	8	7 or 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1 or 2	
PLC sta. no.	0	0-255	

PLC Setting:

Communication mode	Modbus RTU protocol
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Device Address:

Bit/Word	Device type	Format	Range	Memo
B	Y	OOO	0 ~ 377	0000-02550
B	X	OOO	0 ~ 377	1200-01455 0000-0255
B	M	DDDD	0 ~ 1999	2000-3999
B	SM	DDD	0~ 255	4400-4655
B	S	DDD	0 ~ 991	6000-6991
B	T	DDD	0 ~ 255	8000-8255
B	C	DDD	0 ~ 255	9200-9455
W	D	DDDD	0 ~ 7999	0000-7999
DW	D_Double	DDDD	0 ~ 7998	
W	SD	DDD	0 ~ 255	8000-8255
W	Z	DD	0 ~ 15	8500-8515
W	TV	DDD	0 ~ 255	9000-9255
W	CV	DDD	0 ~ 199	9500-9699
DW	C_Double	DDD	200 ~ 255	9700-9811

Wiring Diagram:

RS-232 (Emerson EC 20 COM1: RS-232 Terminal)

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

