

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

cMT Series

cMT3151

eMT Series

eMT3070 / eMT3105 / eMT3120 / eMT3150

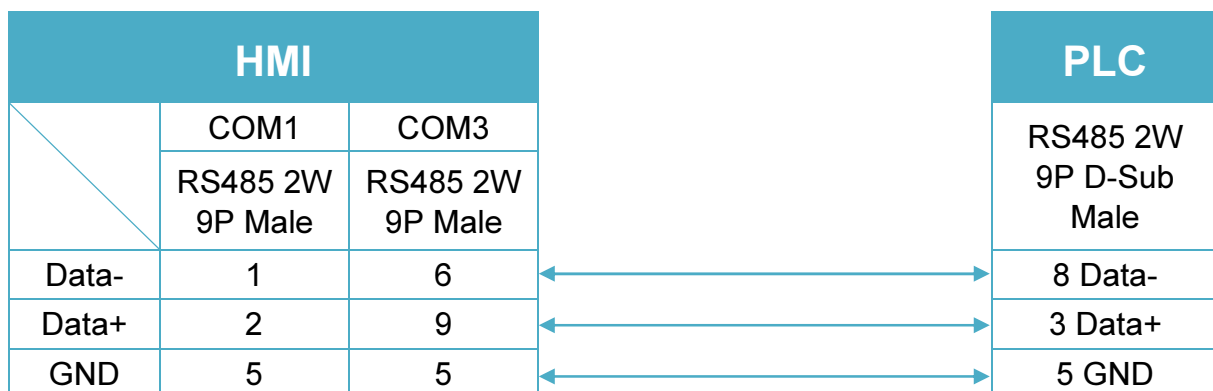


Diagram 2

cMT Series

cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD

mTV

mTV

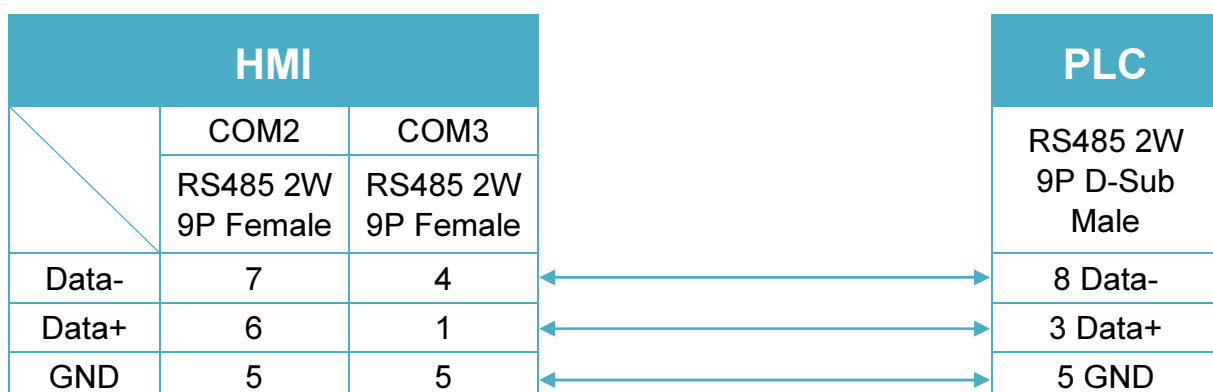


Diagram 3

MT-iE *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE*

MT-XE *MT8121XE / MT8150XE*

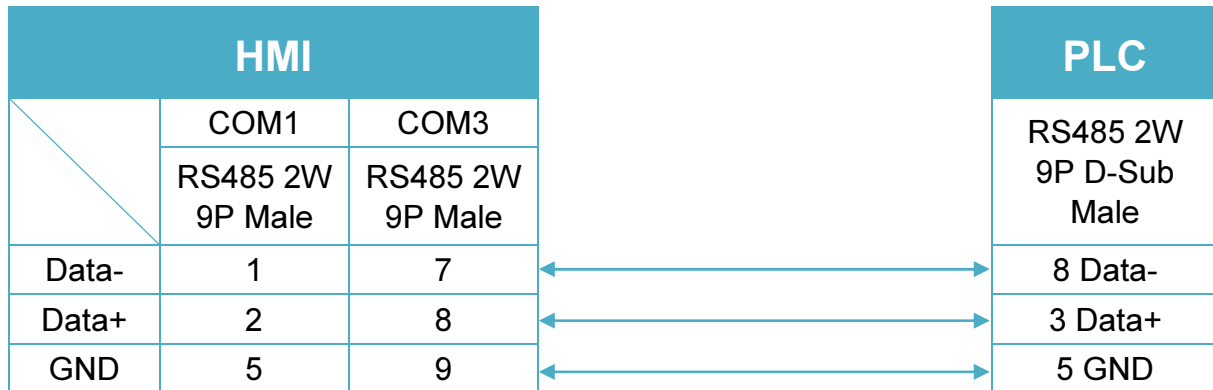


Diagram 4

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103*

MT-iE *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /
MT8101iE / MT8102iE / MT8103iE*

MT-XE *MT8090XE / MT8092XE*

MT-iP *MT6103iP / MT8102iP*

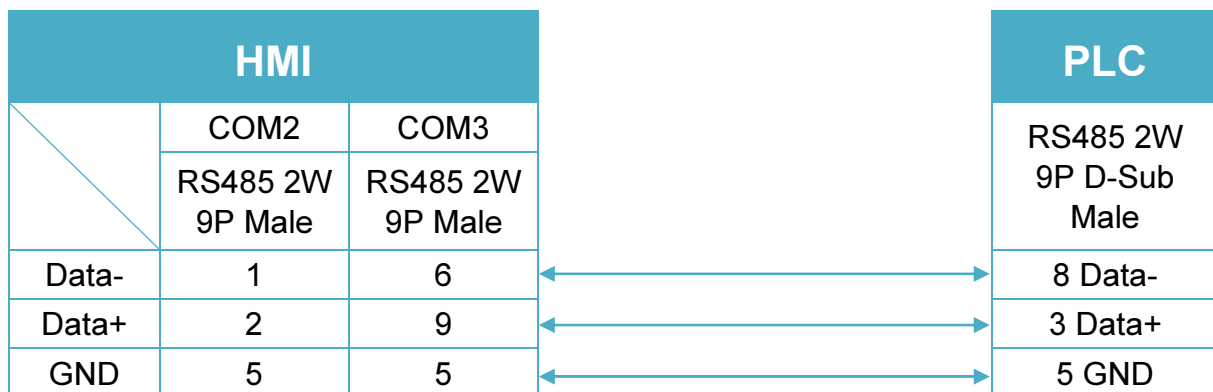


Diagram 5

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

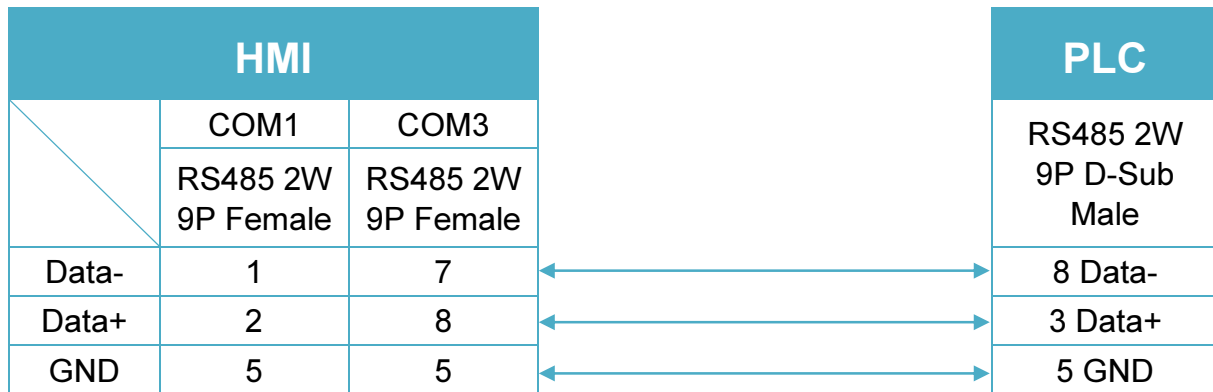


Diagram 6

MT-iP *MT6071iP / MT8071iP*

