# Modbus RTU 2W (Master)

### HMI Factory Setting:

Baud rate: 9600, 7, Even, 1 (ASCII); 9600, 8, Even, 1 (RTU)

Controller Station Number: 0 (no PLC station number in protocol, therefore, only 1(HMI) to 1(PLC) communication is allowed.)

Control Area / Status Area: W40100 / W40200

## Connection

Please refer to "Pin Definition of Serial Communication" for more detail.

## Definition of PLC Read/Write Address

#### a. Registers

Time	Format	Deed (M/rite Deeree	Data Lawath	Note
Туре	Word No. (n)	Read/Write Range	Data Length	
Output Registers	Wn	<b>W</b> 40001 - <b>W</b> 50000	Word	
Input Registers	Wn	<b>W</b> 30001 - <b>W</b> 40000	Word	Read only

#### b. Contacts

PLON PLON	Format	Dood (M/rite Doorse	Note
Туре	Bit No. (b)	Read/Write Range	Note
Discrete Outputs	Bb	<b>B</b> 1 - <b>B</b> 10000	PLU
Discrete Inputs	Bb	<b>B</b> 10001 - <b>B</b> 20000	Read only

 If the controller requests certain Modbus input during the connection, it can be done through special parameter setting. When the default value is set to Auto, HMI will automatically react to a single inputted command(0x06) or a multiple inputted command (0x10) according to the data length.

Add Move Up ecial Paramete Delete Move Down			Communication Parameter HMI Station 0			
		Interface		RS232		
	Comm. Adv	anced Sett	ing	N-ALA		
Base Port						
Bethernet	Ext	tra, 1	auto			
PLOTIC PLOTIC			auto 0x06 0x10			
PLG1 II PLG1 II	2.01.11		PLOT	r PLC1.ir		~
PLOT IT PLOT IT	- LON M				PL010	
PLO1.IT PLO1.IT	J.CA.M	2101	PLC1	r <sub>pl</sub> G <sup>r,it</sup>		
	or 64.1	a Chi	ОК	Cano	el	
Communication Interrupt						