

Modicon TWIDO

HMI Factory Setting:

Baud rate: 9600, 8, Even, 1

Controller Station Number: 1

Control Area / Status Area: W40100 / W40200

Connection

a. RS-232 (DOP-A/AE/AS, DOP-B Series)

It requires specific TSX PCX1031 cable of Modicon Uni-Telway for wiring.

DOP Series		Controller
9 pin D-SUB (RS-232)		9 pin D-SUB male (RS-232)
RXD (2)	—————	(2) SD
TXD (3)	—————	(3) RD

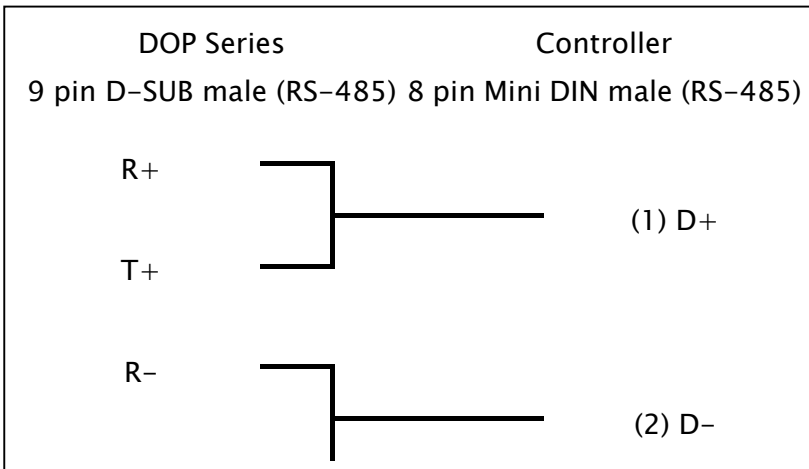
b. RS-485 (DOP-A/AE Series)

DOP Series		Controller
9 pin D-SUB male (RS-485)		8 pin Mini DIN male (RS-485)
RXD+ (2)	┌───┐ └───┘	(1) D+
TXD+ (3)		
RXD- (1)	┌───┐	(2) D-
	└───┘	

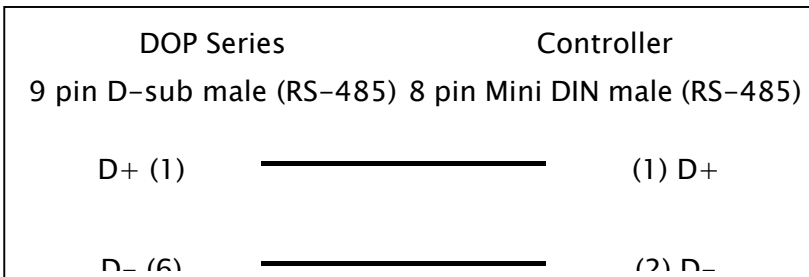
c. RS-485 (DOP-AS57 Series)

DOP Series		Controller
9 pin D-SUB male (RS-485)		8 pin Mini DIN male (RS-485)
R+	—————	(1) D+
R-	—————	(2) D-

d. RS-485 (DOP-AS35/AS38 Series)



e. RS-485 (DOP-B Series)



Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Output Registers	Wn	W40001 - W50000	Word	
Input Registers	Wn	W30001 - W40000	Word	Read only

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Discrete Outputs	Bb	B1 - B10000	
Discrete Inputs	Bb	B10001 - B20000	Read only

 **NOTE**

- 1) Before communication starts, the communication mode of PLC should be switched to Modbus Slave by using PL7 programming software..