

Moeller PS4 Series PLC

HMI Factory Setting:

Baud rate: 9600, 8, None, 1 (RS-232)

Controller Station Number: 2

Control Area / Status Area: MW0/MW10

Connection

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

DOP Series		Controller
9 pin D-sub male (RS-232)		8pin PRG
RXD (2)	—————	(5)
TXD (3)	—————	(2)

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Marker MW	MWn	MW0 - MW32766	Byte	2
Diagnostic Status	DSWn	DSW0	Byte	
Process Status	PSWn	PSW0	Byte	
Diagnostic Counter	DCn	DC0 - DC15	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n) Bit No. (b)		
Marker M	Mn.b	MW0.0 - MW32766.7	2
Diagnostic Status	DSn.b	DS0.0 - DS1.7	
Process Status	PSn.b	PS0.0 - PS1.7	

 **NOTE**

- 1) The read/write range of register Marker (Device MW) of PS4 Series must be set via PC programming software or PLC program before connecting to HMI; otherwise, the communication error may occur. The setting range of Marker (Device MW) of PS3 Series is fixed between 0 to 2172 except 126, the address MW126 cannot be used.
- 2) Marker MW register is an even address, but Marker M is not.