

Moeller PS3 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	MW <i>n</i>	MW0 – MW123	Byte	2
Marker MW	MW <i>n</i>	MW126 – MW2171	Byte	2
Diagnostic Status	DSW <i>n</i>	DSW0	Byte	
Process Status	PSW <i>n</i>	PSW0	Byte	
Diagnostic Counter	DC <i>n</i>	DC0 – DC15	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n)		
	Bit No. (b)		
Marker M	M <i>n.b</i>	MW0.0 – MW123.7	2
Marker M	M <i>n.b</i>	MW126.0 – MW2171.7	2
Diagnostic Status	DS <i>n.b</i>	DS0.0 – DS1.7	

Process Status	PSn.b	PS0.0 – PS1.7	
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 **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.