

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

#### b. Contacts

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

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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.