

Moeller EasyPLC 800/MFD

HMI Factory Setting:

Baud rate: 19200, 8, None, 1

Controller Station Number: 0

Control Area / Status Area: None/None

Applicable models: DOP-B / DOP-W / DOP-H / HMC series · DOP-100

Connection

a. RS-232 (via PC-CAB-1)

DOP Series		Controller	
9 pin D-sub male		PC-CAB-1 D-sub female	
RXD (2)	—————	TXD (2)	
TXD (3)	—————	RXD (3)	
GND (5)	—————	GND (5)	
DC 12V	—————	(7) (Note1)	
DC 0V	—————	(4) (Note1)	

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
I Inputs	In	I1 - I99	Word	3
Q Outputs	Qn	Q1 - Q99	Word	3
R Inputs	Rn	R1	Word	
S Outputs	Sn	S1	Word	
P Buttons	Pn	P1	Word	
Marker MW	MWn	MW1 - MW128	Word	
Marker MD	MDn	MD1 - MD128	Double Word	2
Diagnostics Bits ID	IDn	ID1	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n) Bit No. (b)		
I Inputs	Ib	I1 - I99	
Q Outputs	Qb	Q1 - Q99	
R Inputs	Rb	R1 - R16	
S Outputs	Sb	S1 - S8	
P Buttons	Pb	P1 - P4	
M Marker Bits	Mb	M1 - M128	
Diagnostics Bits ID	IDb	ID1 - ID16	



- 1) The communication port of Moeller EasyPLC requires additional 10~12V for communication. Please conduct positive voltage to pin 7 and negative voltage to pin 4, the voltage range of two pins should be in 10~12 V.
- 2) When using Moeller EasyPLC, the data length must be greater than 2 words or an encoding error may occur.
- 3) The device address must be the multiple of 16.