Moeller EasyPLC 800/MFD

HMI Factory Setting:

Baud rate: 19200, 8, None, 1
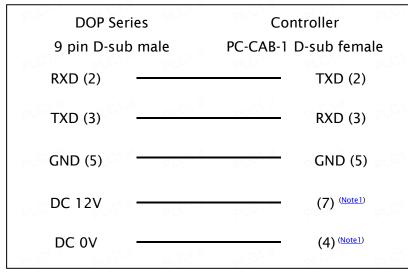
Controller Station Number: 0

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 Word No. (n)	Read/Write Range	Data Length	Note
I Inputs	**I**n	**I**1 – **I**99	Word	3
Q Outputs	**Q**n	**Q**1 – **Q**99	Word	3
R Inputs	**R**n	**R**1	Word	
S Outputs	**S**n	**S**1	Word	
P Buttons	**P**n	**P**1	Word	
Marker **MW**	**MW**n	**MW**1 – **MW**128	Word	
Marker **MD**	**MD**n	**MD**1 – **MD**128	Double Word	2
Diagnostics Bits **ID**	**ID**n	**ID**1	Word	

b. Contacts

Type	Format Word No. (n) Bit No. (b)	Read/Write Range	Note
I Inputs	**I**b	**I**1 – **I**99	
Q Outputs	**Q**b	**Q**1 – **Q**99	
R Inputs	**R**b	**R**1 – **R**16	
S Outputs	**S**b	**S**1 – **S**8	
P Buttons	**P**b	**P**1 – **P**4	
M Marker Bits	**M**b	**M**1 – **M**128	
Diagnostics Bits **ID**	**ID**b	**ID**1 – **ID**16	

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.