

Vigor M Series

HMI Factory Setting:

Baud rate: 19200, 7, Even, 1

Controller Station Number: 0 ([Note1](#))

Control Area / Status Area: D0 / D10

Connection

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

PROGRAMMER PORT

DOP Series		Controller
9 pin D-SUB (RS-232)		USB TAPE A Connector
RXD (2)	—————	(3) TXD
TXD (3)	—————	(2) RXD

COM PORT

DOP Series		Controller
9 pin D-SUB (RS-232)		9 pin D-SUB female (RS-232)
RXD (2)	—————	(3) TXD
TXD (3)	—————	(2) RXD

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No.(n)			
Input Relay	Xn	X0 - X770	Word	Multiple of 8, 2
Output Relay	Yn	Y0 - Y770	Word	Multiple of 8, 2

Type	Format	Read/Write Range	Data Length	Note
	Word No.(n)			
Auxiliary Relay	Mn	M0 - M5112	Word	2
Special Relay	Mn	M9000 - M9248	Word	3
Step Relay	Sn	S0 - S992	Word	2
Timer Present Value	Tn	T0 - T255	Word	
16-bit Counter Present Value	Cn	C0 - C199	Word	
32-bit Counter Present Value	Cn	C200 - C255	Word	
Data Register	Dn	D0 - D8191	Word	
Special Data Register	Dn	D9000 - D9255	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No.(b)		
Input Relay	Xb	X0 - X777	Octal
Output Relay	Yb	Y0 - Y777	Octal
Auxiliary Relay	Mb	M0 - M5119	
Special Relay	Mb	M9000 - M9255	
Step Relay	Sb	S0 - S999	
Timer Contact	Tb	T0 - T255	
Counter Contact	Cb	C0 - C255	
Timer Coil	TCb	TC0 - TC255	
Counter Coil	CCb	CC0 - CC255	

 **NOTE**

- 1) Controller Station Number :
0: PROGRAMMER PORT, 1: COM PORT
- 2) The device address must be the multiple of 8.
- 3) The device address must be 9000 plus the multiple of 8.

- 4) VB Series is suitable for this driver.