

Copley Servo (Stepnet protocol)

HMI Factory Setting:

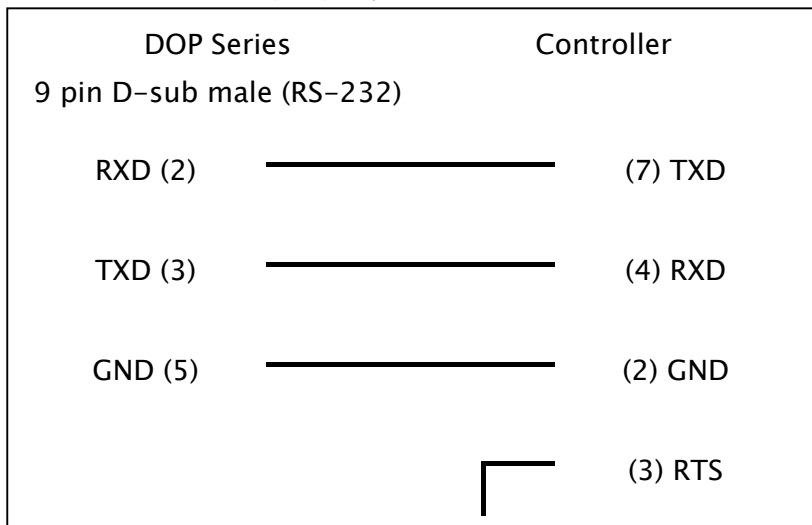
Baud rate: 9600. 8. None. 1

Controller Station Number: 0

Control Area / Status Area: None/None

Connection

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



Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Ram memory R	Rnn	R00 - RFF	Double Word	Hexadecimal
Flash memory F	Fnn	F00 - FFF	Double Word	Hexadecimal
Internal Register IR	IRn	IR0 - IR31	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n) Bit No. (b)		
BIT_DEVICE_RB	RBnn.b	RB00.0 - RBFF.31	1
BIT_DEVICE_FB	FBnn.b	FB00.0 - FBFF.31	1

Type	Format	Read/Write Range	Note
	Word No. (n) Bit No. (b)		
BIT_DEVICE_T0	T0b	T00	2 , 5
BIT_DEVICE_T1	T1b	T10	2 , 5
BIT_DEVICE_T2	T2b	T20	2 , 5
BIT_DEVICE_RST	RSTb	RST0	3 , 5
BIT_DEVICE_CPR	CPRnn	CPR00 - CPRFF	Hexadecimal, 4 , 5
BIT_DEVICE_CPF	CPFnn	CPF00 - CPFFF	Hexadecimal, 4 , 5

 **NOTE**

- 1) RB and FB are the bit access of Ram/Flash memory. Therefore, RB0x21.14 indicates bit 14 of Ram memory 0x21.
- 2) T0, T1 and T2 are virtual devices for simulating Trajectory Generator Command. The number of 0, 1 and 2 indicates the subcommand of that command, so only bit 0 is acceptable.
- 3) RST is for simulating Reset Command, so only bit 0 is acceptable.
- 4) CPR and CPF are for simulating Copy Command of Ram and Flash individually. The address (n) after CPR and CPF is just the copy address for Ram/Flash memory. For example, CPR12 indicates that the content of Ram memory 0x12 will be copied into Flash memory 0x12 and CPF6A indicates that the content of Flash memory 0x6A will be copied into Ram memory 0x6A.
- 5) T0, T1, T2, RST, CPR, CPF are all read-only and they can not be used on Reset button.