

Copley Digital Drives

Supported Series: Digital Servo Driver & Controllers, Xenus, Xenus Micro, Accelnet, Accelnet Micro, Stepnet series.

Website: <http://www.copleycontrols.com/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Copley Digital Drives		
PLC I/F	RS232		
Baud rate	9600	9600~115200	
Data bits	8	8	
Parity	None	Even, Odd, None	
Stop bits	1	1	
HMI sta. no.	0		
PLC sta. no.	0	0-127	

Device Address:

Bit/Word	Device type	Format	Range	Memo
W	Flash INT 16	HHH	0 ~ 999	For Register is INT16 or U16
W	RAM INT 16	HHH	0 ~ 999	For Register is INT16 or U16
W	Flash INT 32	HHH	0 ~ 999	For Register is INT32 or U32
W	RAM INT 32	HHH	0 ~ 999	For Register is INT32 or U32
W	Register	DDDD	0 ~ 2457	
W	T_command	H	0	
W	Reset	H	0	
W	Flash_INT16_B	HHH	0 ~ 999	
W	RAM_INT16_B	HHH	0 ~ 999	
W	Flash_INT32_B	HHH	0 ~ 999	
W	RAM_INT32_B	HHH	0 ~ 999	
W	Register_B	DDDD	0 ~ 2457	
W	T_command_B	H	0	
W	Reset_B	H	0	
W	Flash_INT16_C	HHH	0 ~ 999	
W	RAM_INT16_C	HHH	0 ~ 999	
W	Flash_INT32_C	HHH	0 ~ 999	

Bit/Word	Device type	Format	Range	Memo
W	RAM_INT32_C	HHH	0 ~ 999	
W	Register_C	DDDD	0 ~ 2457	
W	T_command_C	H	0	
W	Reset_C	H	0	
W	Flash_INT16_D	HHH	0 ~ 999	
W	RAM_INT16_D	HHH	0 ~ 999	
W	Flash_INT32_D	HHH	0 ~ 999	
W	RAM_INT32_D	HHH	0 ~ 999	
W	Register_D	DDDD	0 ~ 2457	
W	T_command_D	H	0	
W	Reset_D	H	0	

Wiring Diagram:

Diagram 1

RS-232 (Xenus, Xenus Micro, Accelnet, Stepnet: 6P RJ11)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

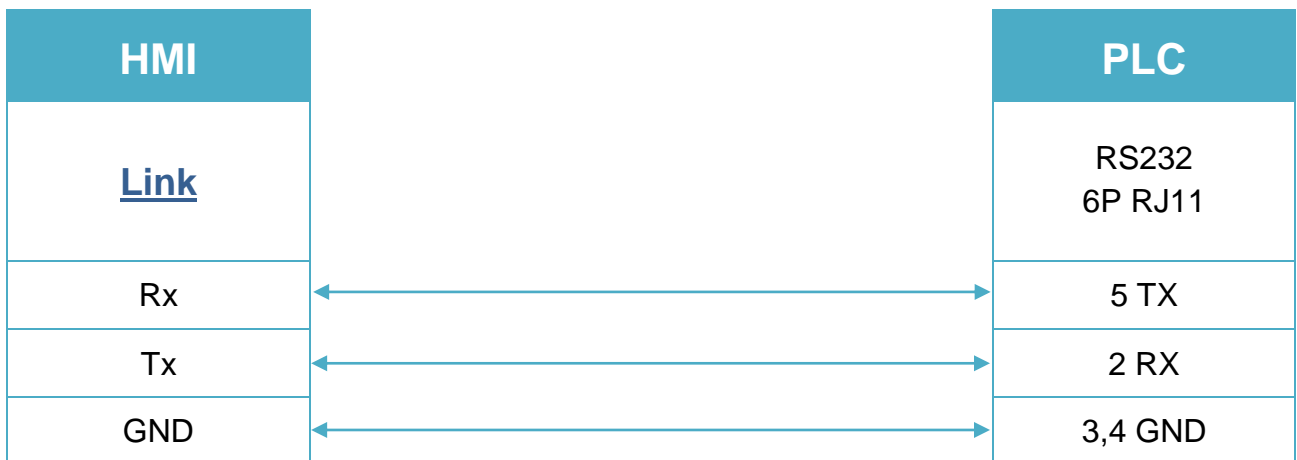
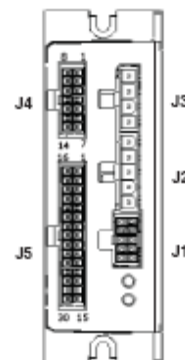


Diagram 2

RS-232 (Accelnet Micro: J5 Cable Connector)



The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		RS232 J5 Cable Connector
Rx	←→	29 TX
Tx	←→	14 RX
GND	←→	15 GND