

## 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 |
|---------------------|-----------------------|-----------------|-------|
| <b>PLC type</b>     | Copley Digital Drives |                 |       |
| <b>PLC I/F</b>      | RS232                 |                 |       |
| <b>Baud rate</b>    | 9600                  | 9600~115200     |       |
| <b>Data bits</b>    | 8                     | 8               |       |
| <b>Parity</b>       | None                  | Even, Odd, None |       |
| <b>Stop bits</b>    | 1                     | 1               |       |
| <b>HMI sta. no.</b> | 0                     |                 |       |
| <b>PLC sta. no.</b> | 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  |                              |

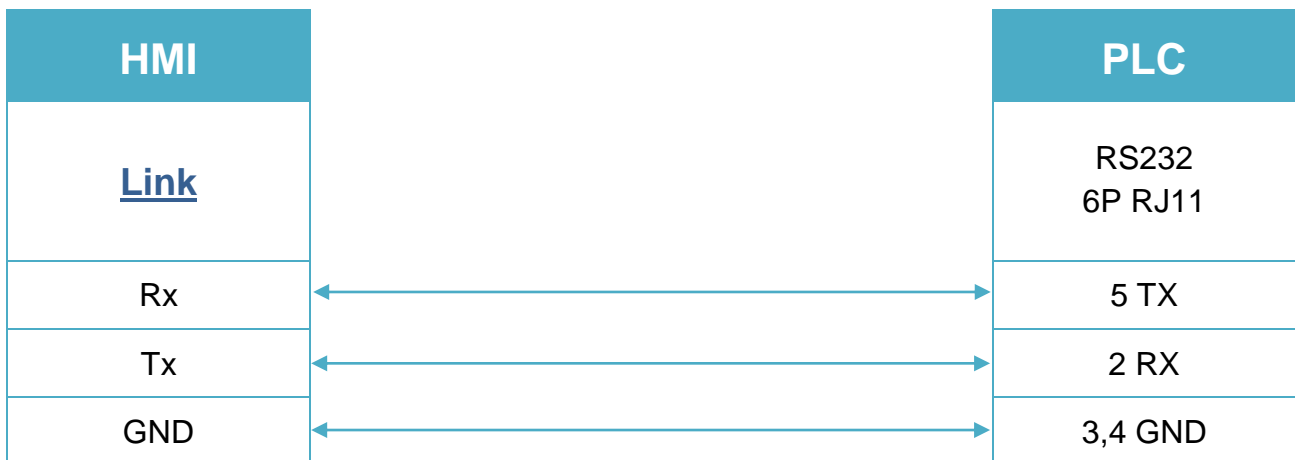
| Bit/Word | Device type   | Format | Range    | Memo |
|----------|---------------|--------|----------|------|
| W        | RAM_INT32_C   | HHH    | 0 ~ 999  |      |
| W        | Register_C    | DDDD   | 0 ~ 2457 |      |
| W        | T_command_C   | H      | 0        |      |
| W        | Reset_C       | 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

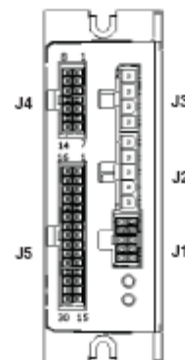
**RS-232** (Xenus, Xenus Micro, Accelnet, Stepnet: 6P RJ11)

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.

