

## IDEC Micro Smart PLC

### HMI Factory Setting:

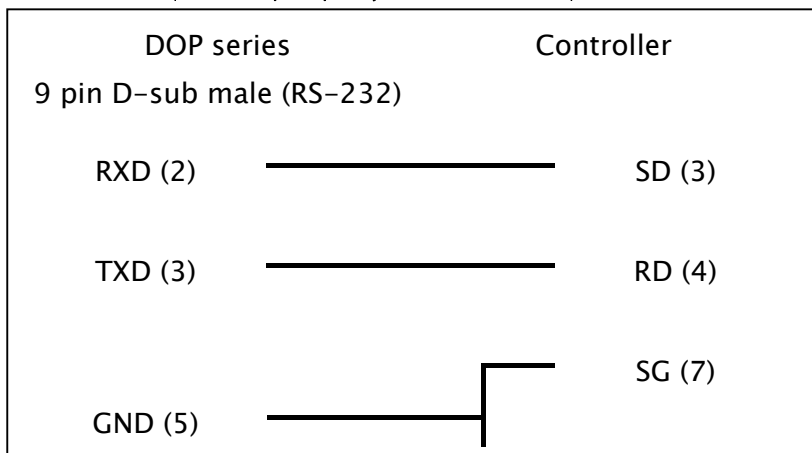
Baud rate: 9600. 7. Even. 1

Controller Station Number: 0 (0~31, 255)

Control Area / Status Area: D0/D10

### 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) |                  |             |                   |
| input                     | Xn           | X00 - X290       | Word        | <a href="#">1</a> |
| output                    | Yn           | Y00 - Y290       | Word        | <a href="#">1</a> |
| internal relay (ordinary) | Mn           | M00 - M1260      | Word        | <a href="#">1</a> |
| internal relay (special)  | Mn           | M8000 - M8140    | Word        | <a href="#">1</a> |
| shift register            | Rn           | R0 - R112        | Word        | <a href="#">2</a> |
| Timer(Preset value)       | TPn          | TP0 - TP99       | Word        |                   |
| Timer(Current value)      | TCn          | TC0 - TC99       | Word        |                   |
| Counter(Preset value)     | CPn          | CP0 - CP99       | Word        |                   |
| Counter(Current value)    | CCn          | CC0 - CC99       | Word        |                   |
| Data register             | Dn           | D0 - D1299       | Word        |                   |
| Data register             | Dn           | D2000 - D7999    | Word        |                   |
| Data register (special)   | Dn           | D8000 - D8199    | Word        |                   |

| Type           | Format       | Read/Write Range | Data Length | Note |
|----------------|--------------|------------------|-------------|------|
|                | Word No. (n) |                  |             |      |
| Calendar/clock | Wn           | W0 - W6          | Word        |      |

**b. Contacts**

| Type                      | Format       | Read/Write Range | Note              |
|---------------------------|--------------|------------------|-------------------|
|                           | Word No. (n) |                  |                   |
|                           | Bit No. (b)  |                  |                   |
| input                     | Xnnb         | X000 - X307      | <a href="#">3</a> |
| output                    | Ynnb         | Y000 - Y307      | <a href="#">3</a> |
| internal relay (ordinary) | Mnnnb        | M0000 - M1277    | <a href="#">3</a> |
| internal relay (special)  | Mnnnb        | M8000 - M8157    | <a href="#">3</a> |
| shift register            | Rb           | R0 - R127        |                   |
| Timer Status              | TSb          | TS0 - TS99       | <a href="#">4</a> |
| Counter Status            | CSb          | CS0 - CS99       | <a href="#">4</a> |

 **NOTE**

- 1) First digit of n should be 0 , and represents octal ; others digits represents decimal.
- 2) Device address must be the multiple of 8.
- 3) n represents decimal, b represents octal.
- 4) This type of device is for read only.
- 5) It supports MicroSmart / ONC (OpenNet Controller) / MICRO3 / MICRO3C.
- 6) **TSn / CSn** can only be used on MicroSmart / ONC (OpenNet Controller).