

## Altus ALNET-I

Supported Series: Altus SeriesMode PO3042, PO3142, PO3242, PO3342, PL103, PL104, PL105, QK800, QK801, QK2000.

### HMI Setting:

| Parameters   | Recommended   | Options | Notes |
|--------------|---------------|---------|-------|
| PLC type     | Altus ALNET-I |         |       |
| PLC I/F      | RS232         |         |       |
| Baud rate    | 9600          |         |       |
| Data bits    | 8             |         |       |
| Parity       | Even          |         |       |
| Stop bits    | 1             |         |       |
| PLC sta. no. | 0             |         |       |

### Device Address:

| Bit/Word | Device Type | Format | Range      | Memo             |
|----------|-------------|--------|------------|------------------|
| B        | M_Bit       | DDDDh  | 0 ~ 1023f  | Memories         |
| B        | A           | DDDh   | 0 ~ 511f   | Auxiliary Relays |
| B        | E           | DDDh   | 0 ~ 511f   | Input Relays     |
| B        | D_Bit       | DDDDdd | 0 ~ 102331 | Decimals         |
| B        | F_Bit       | DDDDdd | 0 ~ 102331 | Reals            |
| B        | I_Bit       | DDDDdd | 0 ~ 102331 | Integers         |
| B        | S           | DDDh   | 0 ~ 511f   | Output Relays    |
| W        | M           | DDDD   | 0 ~ 4096   | Memories         |
| DW       | D           | DDDD   | 0 ~ 4096   | Decimals         |
| DW       | F           | DDDD   | 0 ~ 1023   | Reals            |
| DW       | I           | DDDD   | 0 ~ 1023   | Integers         |
| W        | TM          | HHHH   | 0 ~ ffff*  | Memory Tables    |
| DW       | TD          | HHHH   | 0 ~ ffff*  | Decimal Tables   |
| DW       | TF          | HHHH   | 0 ~ ffff*  | Real Tables      |
| DW       | TI          | HHHH   | 0 ~ ffff*  | Integer Tables   |

Note: The formats of TM, TD, TF and TI in PLC software are represented as TXA[B]. "X" can be M, D, F, or I. The address range of B is 0~FF, and A is 0~FF. The device type is AAB, and the range depends on the PLC settings.

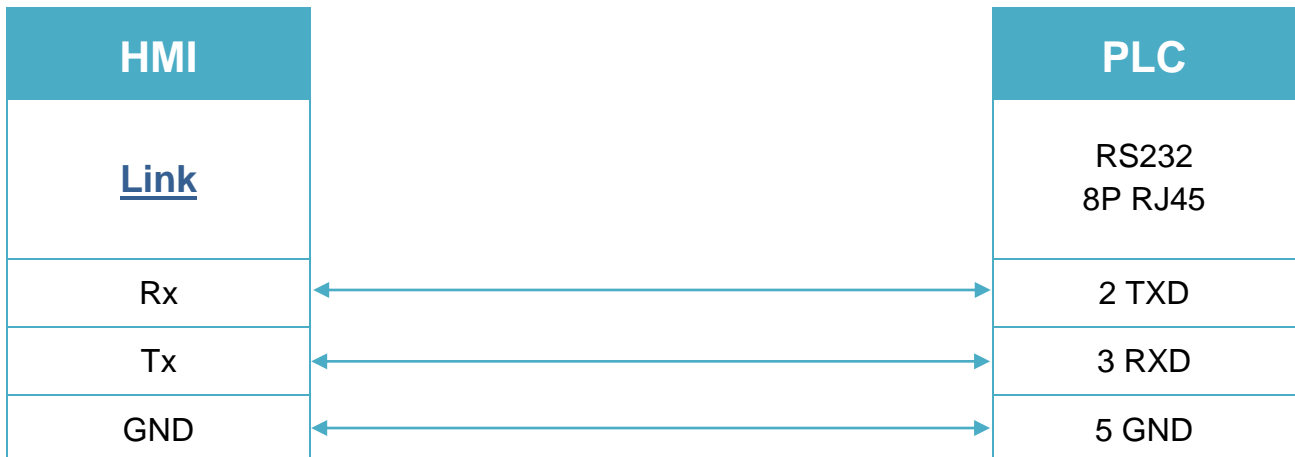
For example: Model PO3242, range of "A" is "0" and range of "B" is 0 ~ 7.

## Wiring Diagram:

### Diagram 1

**RS-232** (PLC PO3042, PO3142, PO3242, PO3342: RS-232 8P RJ45)

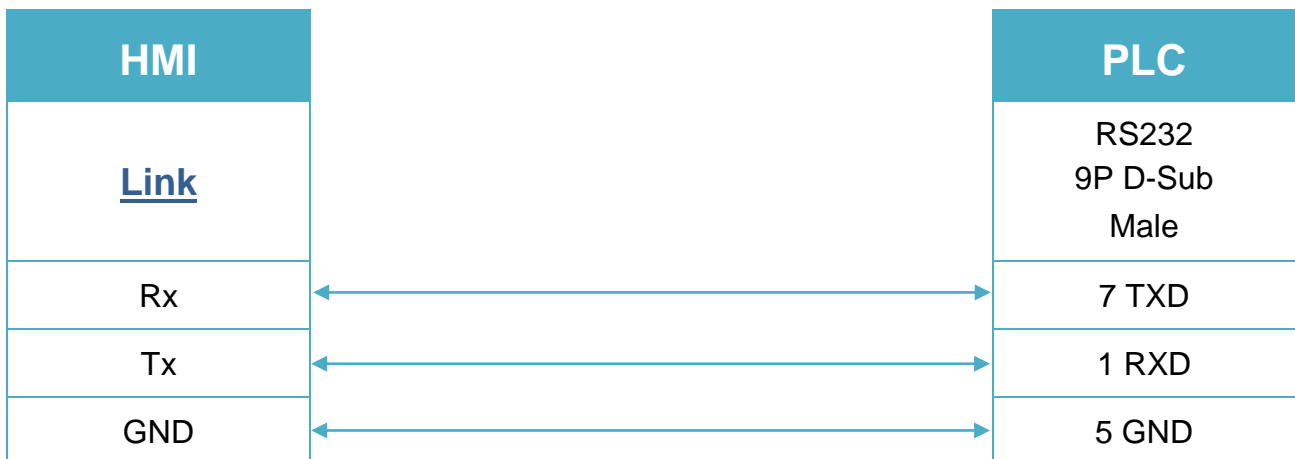
The serial port pin assignments may vary between HMI models, please click the following link for more information.



### Diagram 2

**RS-232** (PLC PL103, PL104, PL105: RS-232 9P D-Sub )

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



### Diagram 3

**RS-232** (PLC QK800, QK801, QK2000: RS-232 9P D-Sub)

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

