**How to modify the input of analog signal**

This series provide the free input of T/C and RTD;

it doesn't need to modify the hardware except the analog input.

1. Analog input hardware modification:

(Refer to S1~J2 on PC board)

| INPUT | S1 | S2 | S3 | S4 | S5 | S6 | J2 |
|---|---|---|---|---|---|---|---|
| T/C RTD | ● | ✕ | ✕ | ✕ | ✕ | ✕ | ● |
| 0~20mA | ✕ | ✕ | ● | ✕ | ✕ | ● | ✕ |
| 0~5V | ✕ | ● | ✕ | ✕ | ● | ✕ | ✕ |
| 0~10V | ✕ | ● | ✕ | ● | ✕ | ✕ | ✕ |

【●】 Short 【✕】 Open

**PCB:**

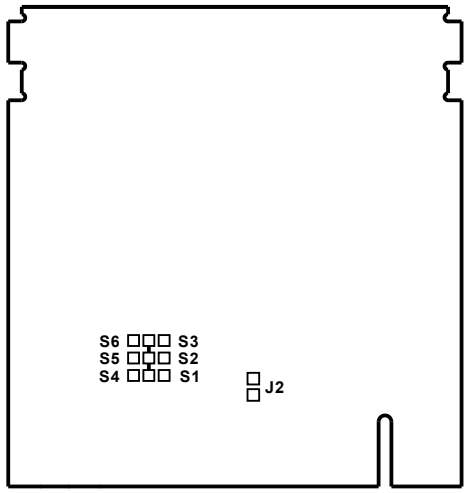
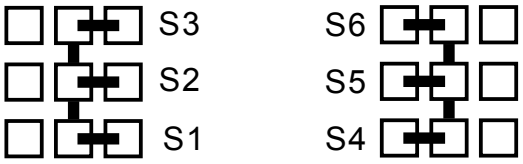
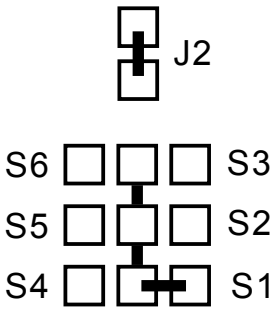


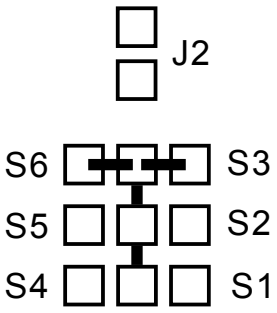

**Diagram:**



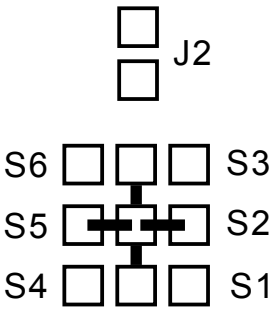

**T/C RTD:**



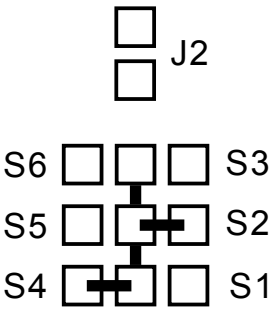

**0~20mA:**




**0~5V:**




**0~10V:**




2. Analog input software modification:

(1). In level 3 (Input level): InP1 → An4
LSPL=Lower set point
USPL=Upper set point

(2). In level2 (PID level): LCK → □□□□ =0111, then press SET key.

(3). Press the SET + ◀▌ keys 4 seconds till"1nPL "displaying in upper LED.

(4). Provide signal for lower range and wait till the lower LED displays become stably then press SET key.

(5). Then upper LED displays "1nPH", provide signal for higher range and wait till the lower LED displays become stably pressing SET key.

(6). In level 2 (PID level): LCK → □□□□ =0101, then press SET key.