13. Modify input type ("TC" ↔ "RTD")

If the controller needs to modify input type from TC or mV to RTD, please make PAD short on the back side of PC board as following diagram and change input selection(INP1). On the contrary, modify from RTD to TC or mV, make PAD open.

96x96, 48x96, 96x48 (mm)
RTD: Short pads  
TC or mV: Open pads

72x72 (mm)
RTD: Short pads  
TC or mV: Open pads

48x48 (mm)
RTD: Short pads  
TC or mV: Open pads
14. Modify input type: Linear Input (mA, V)

14.1 Hardware:

<table>
<thead>
<tr>
<th>INPUT (+)</th>
<th>96×96, 48×96, 96×48</th>
<th>72×72</th>
<th>48×48</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 17</td>
<td>PIN 11</td>
<td>PIN 7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INPUT (-)</th>
<th>96×96, 48×96, 96×48</th>
<th>72×72</th>
<th>48×48</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 20</td>
<td>PIN 14</td>
<td>PIN 10</td>
<td></td>
</tr>
</tbody>
</table>

- 0~20mA (INP1=AN4): (R3 use 100Ω, R5 use 2.4Ω, S3 & S5 SHORT)
- 4~20mA (INP1=AN5): (R3 use 100Ω, R5 use 2.4Ω, S3 & S5 SHORT)
- 0 ~ 1V (INP1=AN4): (R1 use 2KΩ, R4 use 100Ω, S1 & S4 SHORT)
- 0 ~ 5V (INP1=AN4): (R2 use 10KΩ, R4 use 100Ω, S2 & S4 SHORT)
- 1 ~ 5V (INP1=AN5): (R2 use 10KΩ, R4 use 100Ω, S2 & S4 SHORT)
- 0 ~ 10V (INP1=AN4): (R3 use 22KΩ, R4 use 100Ω, S3 & S4 SHORT)
- 2 ~ 10V (INP1=AN5): (R3 use 22KΩ, R4 use 100Ω, S3 & S4 SHORT)
14.2 Calibration:

SET 2.2 = 1

ANL1=0
ANH1=5000
LSPL=0
USPL=5000

Adjusts "ANL1" until PV Display = 0

Inputs 4mA

Adjusts "ANH1" until PV Display = 5000

Inputs 20mA

Inputs 4mA to CHECK LOW
Inputs 20mA to CHECK HIGH

OK?

NO

YES

Set the range you want:
LOW = LSPL, HIGH = USPL

Ex: Low = -20.0, High = 50.0
SET LSPL = -20.0, USPL = 50.0, DP: 000.0
15. Modify input type: Linear Input (mA, V)

It just needs to change a module at the same position, and modify parameter CYT1 in LEVEL 2.

⇒ Relay: CYT1=10, Voltage pulse: CYT1=1, 4~20mA: CYT1=0

16. Modify output mode: OUT1/ALARM, OUT1/OUT2

OUT1 / ALARM

96×96, 48×96, 96×48
(CPU Board)

PAD of OUT2: OPEN
PAD of AL3: SHORT

72×72
(CPU Board)

PAD of OUT2: OPEN
PAD AL1: SHORT

48×48
(CPU Board)

PAD of OUT2: OPEN
PAD of AL1: SHORT

OUT1 /OUT2

96×96, 48×96, 96×48
(CPU Board)

PAD of OUT2: SHORT
PAD of AL3: OPEN

72×72
(CPU Board)

PAD of OUT2: SHORT
PAD of AL1: OPEN

48×48
(CPU Board)

PAD of OUT2: SHORT
PAD of AL1: OPEN