**Parameters setting of the temperature controller**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Present** | **Function** | **Note** |
| **HIAL** |  | Max. Temp limit |  |
| **LOAL** |  | Initial Temp limit | Limit output current below 0 oC |
| **dHAL** |  | Alarm in positive tolerance |  |
| **dLAC** |  | Alarm in negative tolerance |  |
| **dF** |  | Adjustment difference | The smaller dF, the higher accuracy auto-tune |
| **CtrL** |  | Control type |  |
| **Ctr** |  | Output Period | Reflect controller’s adjustment Speed |
| **Sn** |  | Thermocouple type |  |
| **dIP** |  | Position of decimal |  |
| **dIL** |  | Min. Display value |  |
| **dIH** |  | Max. Display value |  |
| **Sc** |  | Main input shift and adjustment | Tolerance between input and sensor (In order to get a  precise result, this may be revised in calibration process). |
| **OP1** |  | Output type | 1 is output from 1 to 10 mA |
| **OPL** |  | Output lower limit |  |
| **OPH** |  | Output upper limit |  |
| **ALP** |  | Alarm output definition |  |
| **CF** |  | System function selection | “6” means limit output current at global range |
| **Addr** |  | Communication address |  |
| **bAud** |  | Baud Rate |  |
| **dL** |  | Input digital filter | The larger value of dL, the more stable measured  temperature will be, but slow down the response rate |
| **run** |  | Running Condition |  |
| **Loc** |  | Parameter Lock | Value „0” will lock data that has been entered. “ 808” will  open lock to allow you to see and revise all parameters. |
| **M5** |  | PID Parameters |  |
| **P** |  | PID Parameters |  |
| **T** |  | PID Parameters |  |
| **CtrL** |  |  |  |

**Temperature Profile**

|  |  |
| --- | --- |
| **C01** |  |
| **T01** |  |
| **C02** |  |
| **T02** |  |
| **C03** |  |
| **T03** |  |
| **C04** |  |
| **T04** |  |
| **……** |  |