**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 aprecise 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 measuredtemperature will be, but slow down the response rate |
| **run** |   | Running Condition |   |
| **Loc** |   | Parameter Lock | Value „0” will lock data that has been entered. “ 808” willopen 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** |   |
| **……** |   |