Before using this product, please carefully read the instructions for the proper use and proper preservation.

(Please read the operating manual for the proper use of this product before using.)

Wiring warning

◦ **T0 prevent instrument damage or failure, the choice of the appropriate fuse protected power cord and input / output lines to prevent the current impact.**

◦ **To prevent electric shock or instrument failure, power only after the completion of all the wiring work. Do not use near flammable gases.**

◦ **Fire,explosion or damage to the instrument,flammable,explosive gas,vapor emissions places isprohibited.Do not modify the instrument.**

◦ **T0 prevent the accident or Instrument failure, non-altered Instrument.**

SUMMARY

REX-C □□□ Series Intelligent industrial accommodometer / temperature controller is dedicated microprocessor multifunction regulating instruments.It uses a switching power supply and surface mount technology (SMT), and thus the instalment Is compact, reliable performance, unique self-diagnostic function, the self-tuning function and intelligent control functions, so that the operator can get good results by a simple operation.Main features:Multiple thermocouple, RTD, analog signal free to enter, free to set the range, the software tune zero full-scale, cold end separate temperature measurement, auto-zeroing amplifier accuracy of better than 0.5% FS. Fuzzy theoiy combined with conventional PID control fast and smooth, state-of-the-art setting program.Output optional: relay contact,logic level, SCR single-phase, three-phase over zero or phase shift trigger pulse, analog, attach Road definable alarm contact output.

The main technical indicators

1. **Measurement Precision: ± 0.5%FS**
2. **Cold junction Compensation error ± 2℃ (0-50℃ within the software conedion)**
3. **Resolution: 14bit**
4. **Sampling Period: 0.5 Sectetary**
5. **Power Supply: AC 85-265V 50Hz**
6. **Control Mode: industrial-grade expert self-tuning PID technology, compared with the traditional PID control with rapid temperature control, fast response, small overshoot, high precision control**
7. **Insulation Resistance: >500mΩ (500VDC)**
8. **Dielectric Strength: 1500VCA/min**
9：**Power Sonsumption: < 10VA**
10. **Occasions Environment:0-50XJ, 30-85% RH non-corrosive gases**

Model defined selection

Model Identillication

REX-C □□□-□□□□-□*□□
　　　　① 　② 　③ 　④⑤⑥

①**Meter Size (see fable 1)**
②**Control Mode**   .
　F:PID control and automatic speech inverse action
　D: PID control automatically play a positive action
③**Input Type and Range (see Table 2)**
④**Main Output**
　N: No output
　M: Relay contact output
　V: the voltage pulse output (SSR)
　8: Current output
　T: SCR zero output
　G: SCR shift like pulse output
⑤ **The First Channel Alarm Type (ALM1)**
　N: not set alarm
　A: upper limit deviation alarm
　B: lower limit deviation alarm
　C: up and down significant deviation alarm
　D: range alarm
　E: with standby limit deviation alarm
　F: lower limit deviation alarm with standby
　G: lower limit deviation alarm with standby
　H: upper limit input value alarm
　J: lower limit input value alarm
　K: upper limit input alarm with standby
　L: lower limit input alarm with standby

⑥**Second Channel Alarm Type ALM2 (same as ALM1)**

Table 1   **Unit: mm**

Model	Surface frame (W x H)	Shape (W x H x D)	Hole size (W x H)
REX-C100	48x48	44 x 44x100	(44+1) x (44+1)
REX-C400	48x96	44 x 92x100	(44+1) x (92+1)
REX-C700	72x72	68 x 68x100	(68+1) x (68+1)
REX-C900	96x96	92 x 92x100	(92+1) x (92+1)