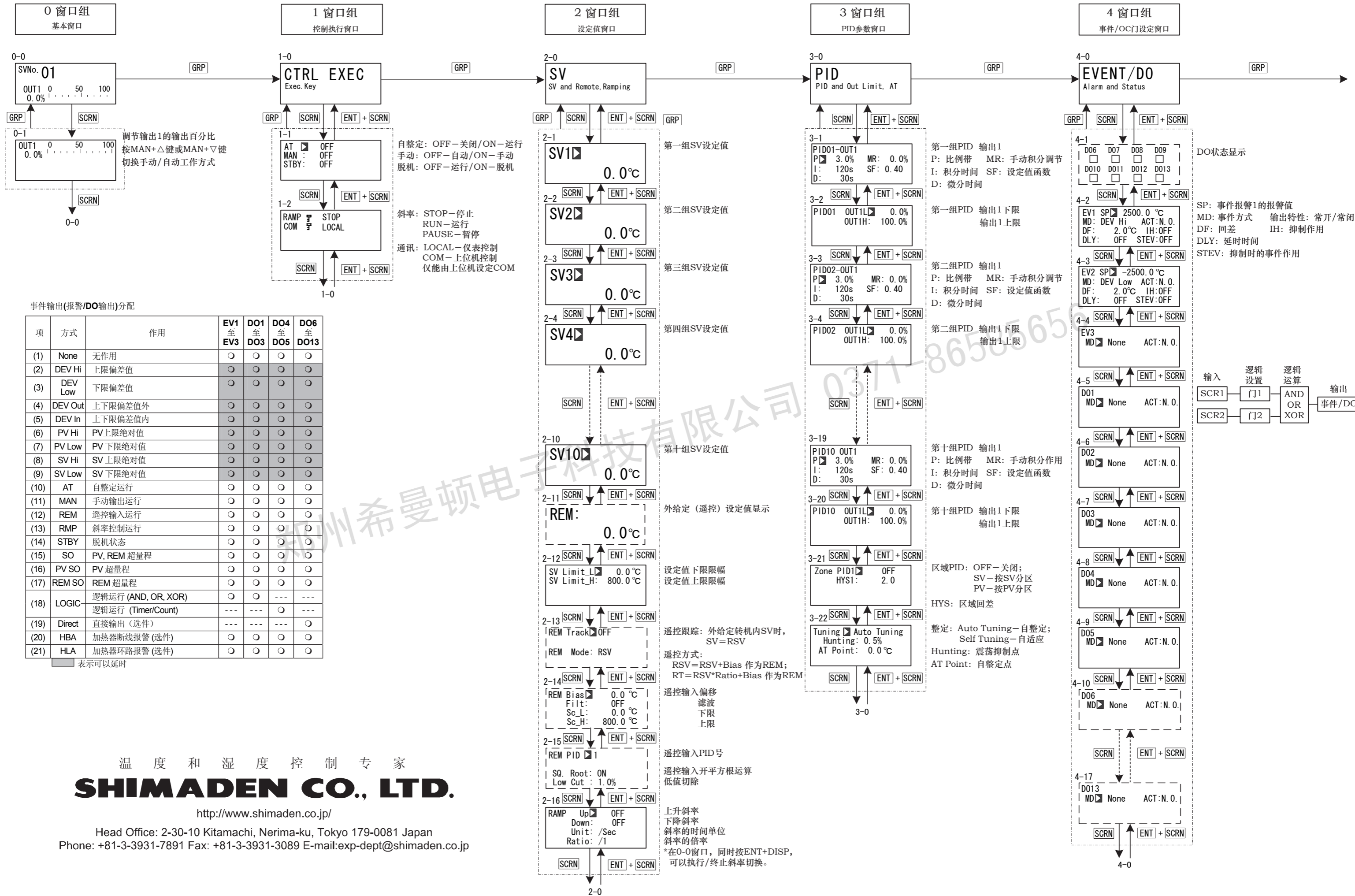


SR23 系列数字调节器 1 路输入 操作流程



事件输出(报警/DO输出)分配

| 项 | 方式 | 作用 | EV1至EV3 | DO1至DO3 | DO4至DO5 | DO6至DO13 |
|------|---------|---------------------|---------|---------|---------|----------|
| (1) | None | 无作用 | ○ | ○ | ○ | ○ |
| (2) | DEV Hi | 上限偏差值 | ○ | ○ | ○ | ○ |
| (3) | DEV Low | 下限偏差值 | ○ | ○ | ○ | ○ |
| (4) | DEV Out | 上下限偏差值外 | ○ | ○ | ○ | ○ |
| (5) | DEV In | 上下限偏差值内 | ○ | ○ | ○ | ○ |
| (6) | PV Hi | PV上限绝对值 | ○ | ○ | ○ | ○ |
| (7) | PV Low | PV下限绝对值 | ○ | ○ | ○ | ○ |
| (8) | SV Hi | SV上限绝对值 | ○ | ○ | ○ | ○ |
| (9) | SV Low | SV下限绝对值 | ○ | ○ | ○ | ○ |
| (10) | AT | 自整定运行 | ○ | ○ | ○ | ○ |
| (11) | MAN | 手动输出运行 | ○ | ○ | ○ | ○ |
| (12) | REM | 遥控输入运行 | ○ | ○ | ○ | ○ |
| (13) | RMP | 斜率控制运行 | ○ | ○ | ○ | ○ |
| (14) | STBY | 脱机状态 | ○ | ○ | ○ | ○ |
| (15) | SO | PV, REM 超量程 | ○ | ○ | ○ | ○ |
| (16) | PV SO | PV 超量程 | ○ | ○ | ○ | ○ |
| (17) | REM SO | REM 超量程 | ○ | ○ | ○ | ○ |
| (18) | LOGIC | 逻辑运行 (AND, OR, XOR) | ○ | ○ | --- | --- |
| (19) | Direct | 直接输出 (选件) | --- | --- | --- | ○ |
| (20) | HBA | 加热器断线报警 (选件) | ○ | ○ | ○ | ○ |
| (21) | HLA | 加热器环路报警 (选件) | ○ | ○ | ○ | ○ |

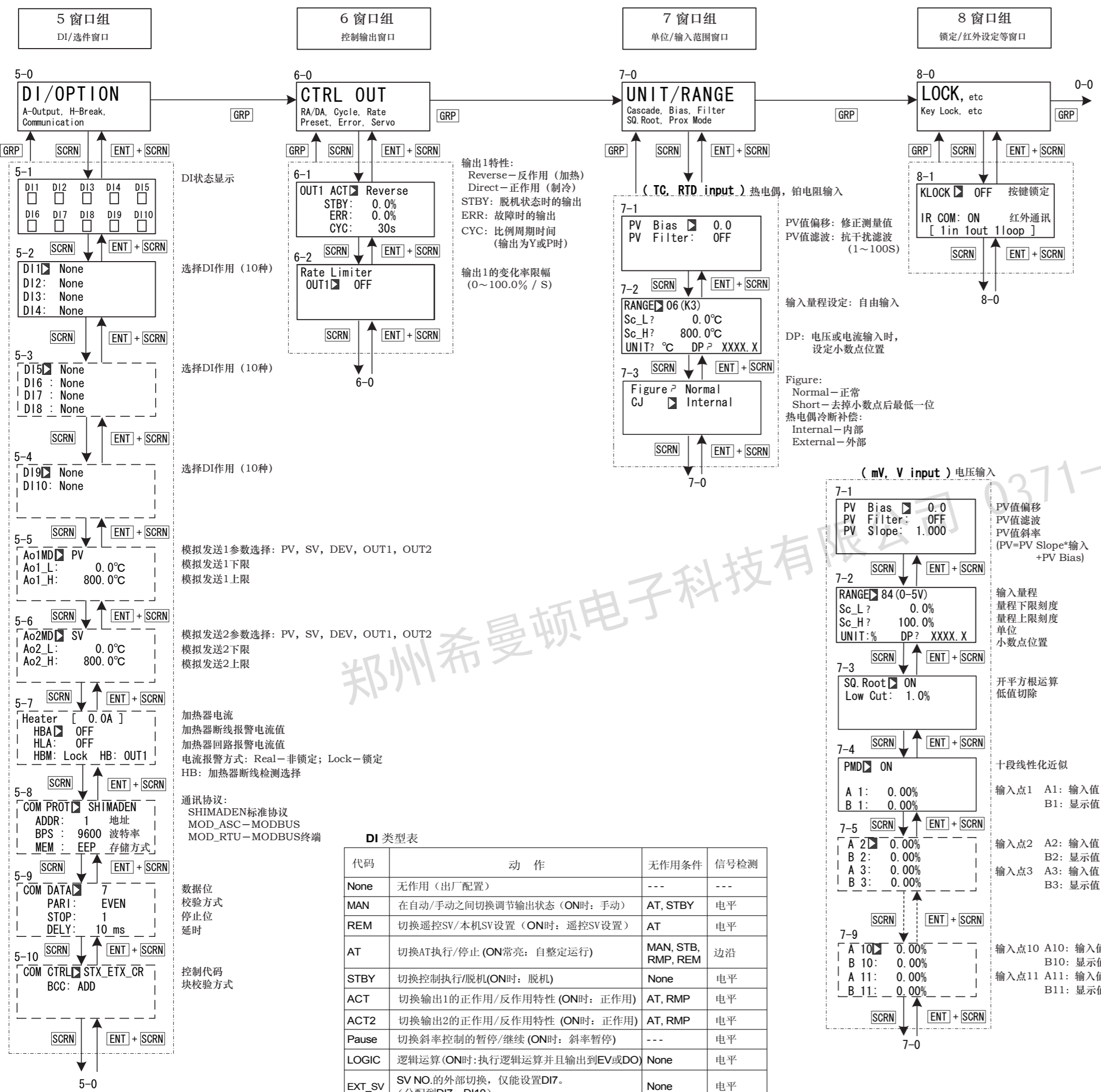
表示可以延时

温度和湿度控制专家

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自由输入量程代码

| 输入类型 | 传感器类型 | 代码 | 符号 | 测量量程 | 测量量程 |
|---------|---------------------|-------|----------------|---|---------------------|
| 热电偶 | B | *1 01 | B | 0.0 to 1800.0 °C | 0 to 3300 °F |
| | R | 02 | R | 0.0 to 1700.0 °C | 0 to 3100 °F |
| | S | 03 | S | 0.0 to 1700.0 °C | 0 to 3100 °F |
| | K | 04 | K1 | -100.0 to 400.0 °C | -150.0 to 750.0 °F |
| | K | 05 | K2 | 0.0 to 400.0 °C | 0.0 to 750.0 °F |
| | K | 06 | K3 | 0.0 to 800.0 °C | 0.0 to 1500.0 °F |
| | K | 07 | K4 | 0.0 to 1370.0 °C | 0.0 to 2500.0 °F |
| | K | *2 08 | K5 | -200.0 to 200.0 °C | -300.0 to 400.0 °F |
| | E | 09 | E | 0.0 to 700.0 °C | 0.0 to 1300.0 °F |
| | J | 10 | J | 0.0 to 600.0 °C | 0.0 to 1100.0 °F |
| | T | *2 11 | T | -200.0 to 200.0 °C | -300.0 to 400.0 °F |
| | N | 12 | N | 0.0 to 1300.0 °C | 0.0 to 2300.0 °F |
| | PL II | 13 | PLII | 0.0 to 1300.0 °C | 0.0 to 2300.0 °F |
| | PR40 - 20 | *3 14 | PR40-20 | 0.0 to 1800.0 °C | 0 to 3300 °F |
| | WRe5-26 | 15 | WRe5-26 | 0.0 to 2300.0 °C | 0 to 4200 °F |
| | U | 16 | U | -200.0 to 200.0 °C | -300.0 to 400.0 °F |
| | L | 17 | L | 0.0 to 600.0 °C | 0.0 to 1100.0 °F |
| | K | *4 18 | K | 10.0 to 350.0 K | 10.0 to 350.0 K |
| | AuFe-Cr | *5 19 | AuFe-Cr | 0.0 to 350.0 K | 0.0 to 350.0 K |
| 铂电阻 | Pt100 (old) JIS/IEC | 31 | Pt1 | -200.0 to 600.0 °C | -300.0 to 1100.0 °F |
| | | 32 | Pt2 | -100.00 to 100.00 °C | -150.0 to 200.0 °F |
| | | 33 | Pt3 | -100.0 to 300.0 °C | -150.0 to 600.0 °F |
| | | 34 | Pt4 | -60.00 to 40.00 °C | -80.00 to 100.00 °F |
| | | 35 | Pt5 | -50.00 to 50.00 °C | -60.00 to 120.00 °F |
| | | 36 | Pt6 | -40.00 to 60.00 °C | -40.00 to 140.00 °F |
| | | 37 | Pt7 | -20.00 to 80.00 °C | 0.00 to 180.00 °F |
| | | 38 | Pt8 *6 | 0.000 to 30.000 °C | 0.00 to 80.00 °F |
| | | 39 | Pt9 | 0.00 to 50.00 °C | 0.00 to 120.00 °F |
| | | 40 | Pt10 | 0.00 to 100.00 °C | 0.00 to 200.00 °F |
| | | 41 | Pt11 | 0.00 to 200.00 °C | 0.0 to 400.0 °F |
| | | 42 | Pt12 *7 | 0.00 to 300.00 °C | 0.0 to 600.0 °F |
| | | 43 | Pt13 | 0.0 to 300.0 °C | 0.0 to 600.0 °F |
| | | 44 | Pt14 | 0.0 to 500.0 °C | 0.0 to 1000.0 °F |
| 铂电阻 | JPt100 (old) JIS | 45 | JPt1 | -200.0 to 500.0 °C | -300.0 to 900.0 °F |
| | | 46 | JPt2 | -100.00 to 100.00 °C | -150.0 to 200.0 °F |
| | | 47 | JPt3 | -100.0 to 300.0 °C | -150.0 to 600.0 °F |
| | | 48 | JPt4 | -60.00 to 40.00 °C | -80.00 to 100.00 °F |
| | | 49 | JPt5 | -50.00 to 50.00 °C | -60.00 to 120.00 °F |
| | | 50 | JPt6 | -40.00 to 60.00 °C | -40.00 to 140.00 °F |
| | | 51 | JPt7 | -20.00 to 80.00 °C | 0.00 to 180.00 °F |
| | | 52 | JPt8 *6 | 0.000 to 30.000 °C | 0.00 to 80.00 °F |
| | | 53 | JPt9 | 0.00 to 50.00 °C | 0.00 to 120.00 °F |
| | | 54 | JPt10 | 0.00 to 100.00 °C | 0.00 to 200.00 °F |
| | | 55 | JPt11 | 0.00 to 200.00 °C | 0.0 to 400.0 °F |
| | | 56 | JPt12 *7 | 0.00 to 300.00 °C | 0.0 to 600.0 °F |
| | | 57 | JPt13 | 0.0 to 300.0 °C | 0.0 to 600.0 °F |
| | | 58 | JPt14 | 0.0 to 500.0 °C | 0.0 to 900.0 °F |
| 电压 (mV) | -10 to 10 mV | 71 | -10 to 10 mV | 初始值: 0.0 ~ 100.0 显示可编程范围: -19999 ~ 30000 上下限之差: 10 ~ 30000 | |
| | 0 to 10 mV | 72 | 0 to 10 mV | | |
| | 0 to 20 mV | 73 | 0 to 20 mV | | |
| | 0 to 50 mV | 74 | 0 to 50 mV | | |
| | 10 to 50 mV | 75 | 10 to 50 mV | | |
| | 0 to 100 mV | 76 | 0 to 100 mV | | |
| | -100 to 100 mV | 77 | -100 to 100 mV | | |
| 电压 (V) | -1 to 1 V | 81 | -1 to 1 V | 使用 0~20 mA, 4~20 mA 电流输入时, 选择量程范围代码 84 和 85. 在输入端子上并电阻 1/2W 250Ω ± 0.1% | |
| | 0 to 1 V | 82 | 0 to 1 V | | |
| | 0 to 2 V | 83 | 0 to 2 V | | |
| | 0 to 5 V | 84 | 0 to 5 V | | |
| | 1 to 5 V | 85 | 1 to 5 V | | |
| | 0 to 10 V | 86 | 0 to 10 V | | |
| | -10 to 10 V | 87 | -10 to 10 V | | |
| | | | | | |
| | | | | | |
| | | | | | |

*1: B型热电偶, 温度低于 400°C (750°F) 不保证精度。
 *2: 在-100°C (-148°F) 或以下的温度时, 精度为 ±(0.5%量程+1 数字)。
 *3: 精度为 ±(0.3%量程+1 °C)。
 *4: K型热电偶精度为 ±(0.75%量程+1K) / 10.0 ~ 30.0K, ±(0.30%量程+1K) / 30.0 ~ 70.0K, ±(0.25%量程+1K) / 70.0 ~ 350.0K。
 *5: AuFe-Cr 热电偶的精度 ±(0.25%量程+1K)。
 *6: 当输入测量值超过32.000时, 上限超量程。
 *7: 当输入测量值超过320.000时, 上限超量程。