

Report2: Process Control



Date: 2026-01-27 | Report 2 | Measure the temperature of the PV process for 1 minute

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Table 1. Operational Display Parameters

| Register | Value | Description |
|-----------|-------|----------------------------------|
| pv | 24.0 | Process Variable |
| sv | 28.0 | Setpoint |
| lsp | 1 | 1 to 8 – Local Set Point |
| pid_group | 1 | 1 to 8 – Operation Process Group |

Table 2. Modbus Communication Parameters

| Register | Value | Description |
|--------------|-------|---------------------|
| comm_type | 2 | Modbus (RTU format) |
| station_addr | 2 | 2 |
| tx_speed | 1 | 9600 bps |
| data_length | 1 | 8 bits |
| parity | 2 | No parity |
| stop_bits | 0 | 1 bit |

Table 3. Sensor Parameters

| Register | Value | Description |
|---------------|-------|-------------------------------|
| pv_input_type | 51 | PT100:-50+200 °C / -50+400 K) |

Plot

