1. HANDLING PROCEDURES

- Setting of connection

- Connection type selection

- Setting of communication protocol

- Setting of communication speed

- Setting of data bit configuration

- Setting of stop bit configuration

- Setting of communication error decision times

- Setting of slave scanning time

- Setting of Modbus address

- Setting of Modbus mode

2. CALLING UP PROCEDURE OF EACH LEVEL

- Display flowchart

- Parameter list

3. SETTING OF INITIAL ITEMS

- Display flowchart

- Parameter list

- Symbol

- Name

- Data range

- Description

- Factory set value

4. OTHERS

- Symbol

- Name

- Data range

- Description

- Factory set value
4. BASIC OPERATION

- Channel selection
  Pressing the UP or DOWN key enables channel selection. When the UP key or DOWN key is pressed repeatedly in the set value (SV) [Level 1] and setting item [Level 2], the batch settings flag (ALL) will appear after the last channel.

- Select the channel of setting value (SV)
  An example in which the number of channels of the set value (SV) is 4 is shown below. The procedure for other monitor items and setting items parameters is the same.

4. BASIC OPERATION

- Data batch setting
  This setting lets you apply data set for one channel to all channels.

- If the batch setting is used on a controller on which a communication error has occurred, the set values of channels after the address of the controller to which the cut-off range channel settings belong are as indicated below.

- Example: In a case in which the number of channels of the set value (SV) is 4, an example in which the number of channels displayed is 3 with the channel selection is as follows.

- The number of channels displayed:
  Number of connecting modules (Symbol: ModU) x Number of channels per module (Symbol: CH).

- The SET key (for setting items) or the MONI key (for monitor items) can be pressed to change items while retaining the currently displayed channel.

- Changing data settings
  To store a new value for the parameter, always press the SET key.
  After a new value has been displayed by using the UP and DOWN keys, the SET key must be pressed within one minute, or new value will not be stored and the display will return to the value returned before the setting is changed.

- If 0 is displayed, the channel number is displayed.

- The SET key for the setting item changes the channel number as follows.

- If the SET key is pressed after the procedure described in steps 2 to 4, values that have been set in the other channels will be restored to the previous value.

- Change the set value (SV) by batch setting
  Here, an example of changing the CH2 set value (SV) to 200 °C is shown. Other data can also be set by the same procedures as described in steps 2 to 4.

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  Here, an example of changing the CH2 set value (SV) to 200 °C is shown. Other data can also be set by the same procedures as described in steps 2 to 4.

5. PARAMETER LIST

- For the data range and description of each parameter, see the instruction manual for the respective controller.

- MEASUREMENT ITEM
  Measured value (PV) 601
  Set value (SV) 602

- MONITOR ITEM
  Measured value (PV) 601
  Set value (SV) 602

- CONTROL ITEM
  Measured value (PV) 601
  Set value (SV) 602

- COMMUNICATION ITEM
  Measured value (PV) 601
  Set value (SV) 602

- CHANNEL ITEM
  Measured value (PV) 601
  Set value (SV) 602

- COUNTER ITEM
  Measured value (PV) 601
  Set value (SV) 602

- START ITEM
  Measured value (PV) 601
  Set value (SV) 602

- STOP ITEM
  Measured value (PV) 601
  Set value (SV) 602

- CONTROL ITEM
  Measured value (PV) 601
  Set value (SV) 602

- FORCED ITEM
  Measured value (PV) 601
  Set value (SV) 602

- COMMUNICATION ITEM
  Measured value (PV) 601
  Set value (SV) 602

- CHANNEL ITEM
  Measured value (PV) 601
  Set value (SV) 602

- COUNTER ITEM
  Measured value (PV) 601
  Set value (SV) 602

- START ITEM
  Measured value (PV) 601
  Set value (SV) 602

- STOP ITEM
  Measured value (PV) 601
  Set value (SV) 602

6. SETTING OF MODBUS MODE

- Any Modbus register address can be specified to set or display data. This is used to set or display data that is not included within the CPU parameters.

- To prevent incorrect settings, when specifying the Modbus register address, set the register number for the monitor item or the setting item.

- The specified Modbus register address data is displayed without a decimal point.

- Example: Calling up Modbus register address 10087H (set value (SV) when two 27-ID-D modules are connected)

- To return to the measured PV (PV) from items other than monitor items and set values, press the MONI key at level 2 second.

- If a controller is not connected, the following time will be required to return to the measured value (PV).

- Communication error decision times = 1/s slow scanning time

- To change the channel, press the UP or DOWN key.

- To return to the measured value (PV) from items other than monitor items and set values, press the MONI key at level 2 second.

- If a controller is not connected, the following time will be required to return to the measured value (PV).

- Communication error decision times = 1/s slow scanning time

- To change the channel, press the UP or DOWN key.

- To return to the measured value (PV) from items other than monitor items and set values, press the MONI key at level 2 second.

- If a controller is not connected, the following time will be required to return to the measured value (PV).

- Communication error decision times = 1/s slow scanning time

- To change the channel, press the UP or DOWN key.