

# Checking Indication Accuracy

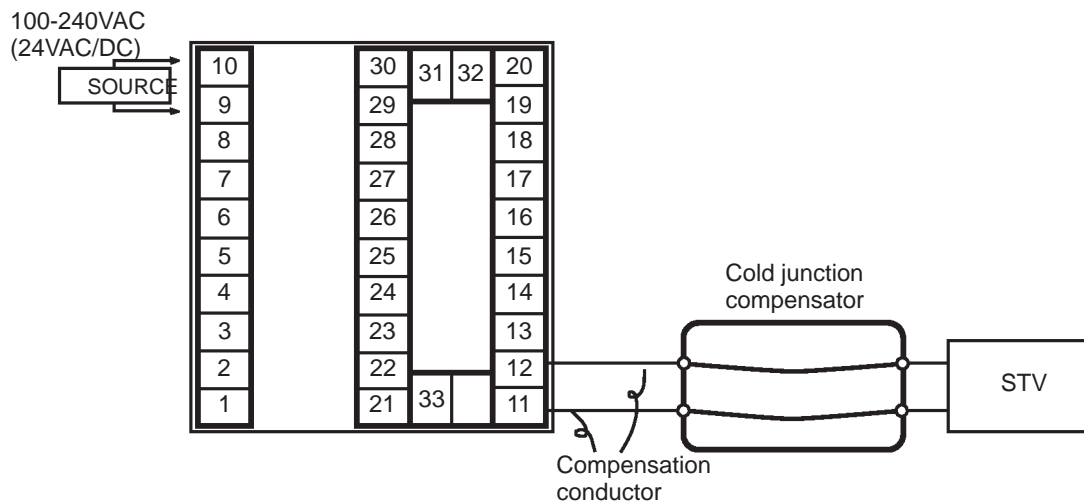
## Checking indication accuracy

- After calibrating input, be sure to check indication accuracy to make sure that the E5AK-T controller has been correctly calibrated.
- Operate the E5AK-T controller in the PV/Present SP monitor (level 0 mode) mode.
- Check the indication accuracy at the upper and lower limits and midpoint.

### Thermocouple

- Preparation

The following figure shows the required device connection. Make sure that the E5AK-T controller and cold junction compensator are connected by a compensating conductor for the input type (thermocouple) that is to be used during actual operation.



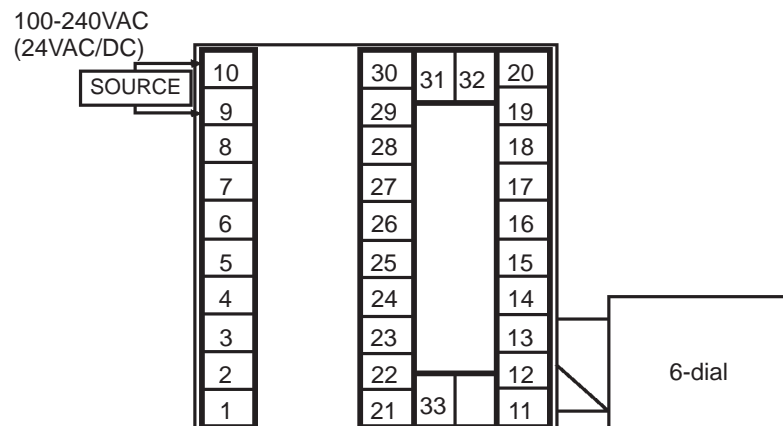
- Operation

Make sure that the cold junction compensator is at 0°C, and set STV output to the voltage equivalent to the starting power of the check value.

### Platinum resistance thermometer

- Preparation

The following figure shows the required device connection.

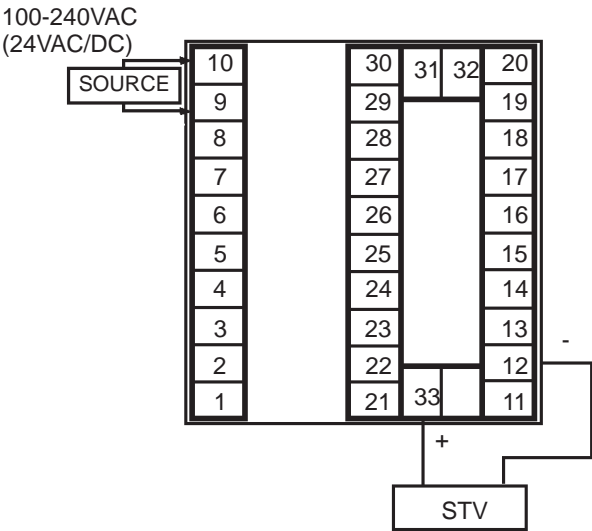


- Operation

Set the 6-dial to the resistance equivalent to the check value.

**Current input**

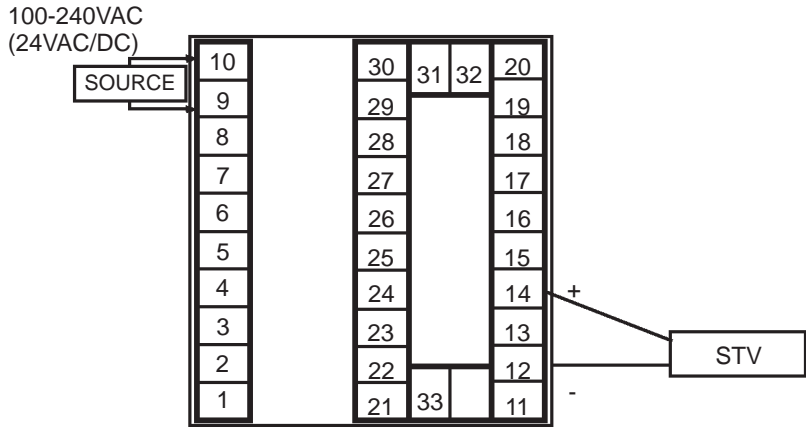
- Preparation  
The following figure shows the required device connection.



- Operation  
Set the STV to the current value equivalent to the check value.

**Voltage input**

- Preparation  
The following figure show the required device connection.



- Operation  
Set the STV to the voltage value equivalent to the check value.

