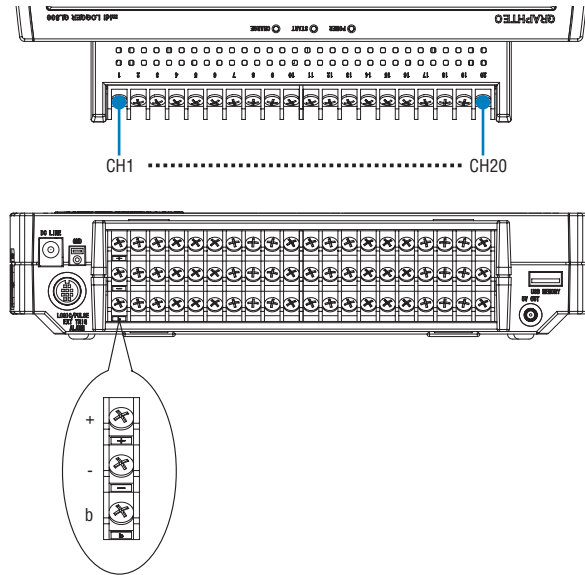


2.5 Connecting the Signal Input Cables

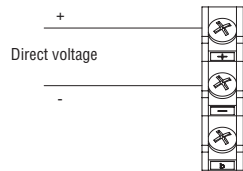
This section describes how to connect the signal input cables.

Terminal Configuration and Signal Types

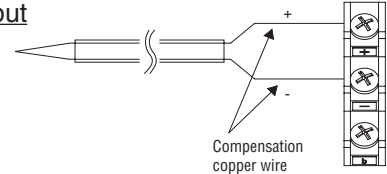


Connection diagram

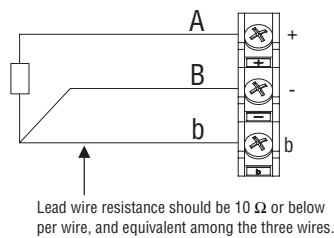
Direct voltage input



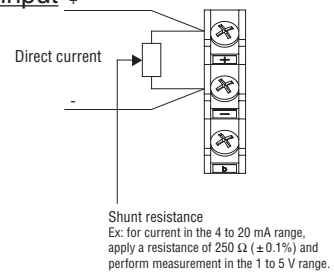
Thermocouple input



Resistance temperature detector input



Direct current input



- + High-voltage terminal (terminal for high-voltage input signals)
 - Low-voltage terminal (terminal for low-voltage input signals)
 - b Dedicated terminal when connecting resistance temperature detector
- *Resistance temperature detector input terminals A (+) and B (-) are isolated within each channel. Terminal b is shorted within all channels.

| Item | Description |
|---------------------------------|---|
| Input configuration | Isolated input, scanning |
| Analog voltage | 20, 50, 100, 200, 500 mV/F.S.; 1, 2, 5, 10, 20, 50 V/F.S.; 1-5V |
| Thermocouples | K, J, E, T, R, S, B, N, W (WRe 5-26) |
| Resistance temperature detector | PT100, JPT100, PT1000 (IEC751) |
| A/D resolution | 16-bit |
| Filter | Off, 2, 5, 10, 20, 40 Filter operation is on a moving average basis. The average value of the set sampling count is used. |