

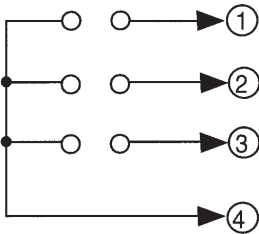
Wiring

Power Supply

Apply 100 to 240 VAC or 12 to 24 VDC to terminals 8 and 9.

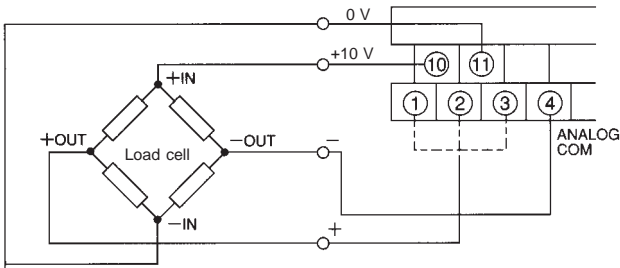
Signal Input

Connect measurement inputs to terminals 1, 2, or 3, and to terminal 4. The terminals used vary with the input range as shown in the following table.



Input type	Input range	Measurement range	Input terminals
DC voltage input	a 1c	0.00 to 199.99 mV	1 and 4
	b 1c	0.000 to 19.999 mV	3 and 4
	c 1c	±100.00 mV	2 and 4

Load Cell Connection Example



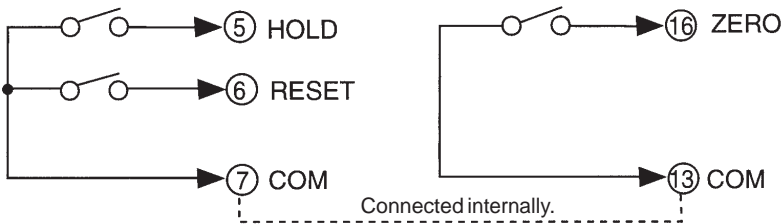
Load Cell Power Supply

A rated output current of 100 mA at 10 VDC.
Terminal 4 (ANALOG COMMON) and terminal 11 (GND) are insulated from each other.

External Control Input

HOLD Input
RESET Input
ZERO Input

Connect external signal input to terminals 5, 6, 7, 13, and 16. Terminals 7 and 13 are connected to each other internally.



Connect hold signal (HOLD) input to terminal 5.
Connect reset signal (RESET) input to terminal 6.
Connect forced-zero signal (ZERO) input to terminal 16.
The transistor satisfying the following conditions must be used to input open collector external signals.

- Residual voltage with transistor turned on: 3 V max.
- Current leakage with transistor turned off: 1.5 mA max.
- Switching load current: 20 mA or greater.

Approximately 5 V is imposed between COM and terminals 5 to 7 with a current flow of approximately 18 mA (a nominal value) at the time of external input short-circuiting.