

Construction, Medical, Other/Chemical, Food Testing, Pharmaceutical Service, Maintenance

## 4 to 20 mA Current Logger for Instrumentation, Distributor, etc.

The 4 to 20 mA output currents of instrumentation, distributor, etc. can be recorded on multiple channels.

### ■ Highlights

The 4 to 20 mA current signals can be converted to 1 to 5 V voltage signals and recorded for long periods of time.

Since a current input unit does not need to be prepared, a general-purpose logger can be used.

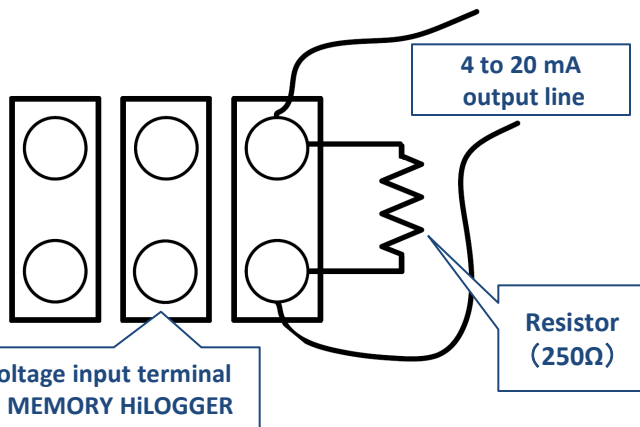


LR8400 MEMORY HiLOGGER



Resistor  
(250Ω)

The figure shows a 250 Ω resistor and 4 to 20 mA output line connected to the voltage input terminal of the LR8400 Memory HiLogger.



Resistor  
(250Ω)

The figure shows a 250 Ω resistor and 4 to 20 mA output line connected to the voltage input terminal of the LR8431 Memory HiLogger.

- Prepare a 250 Ω (one-fourth watt or more) resistor.  
(This is to be prepared by the customer. A high-precision metal-film resistor is recommended.)
- Connect the 250 Ω resistor between the terminals of the LR8400 or LR8431 Memory HiLogger as shown in the figure.
- The Memory HiLogger enables measurement in the 1 to 5 VFS range or 10 V range.
- 1 to 5 V output devices can be connected to the Memory HiLogger directly without using a resistor.
- For the loop test of two-wire transmitters, use the SS7012 DC Signal Source.

### Products used

- MEMORY HiLOGGER LR8431
- MEMORY HiLOGGER LR8400
- DC SIGNAL SOURCE SS7012