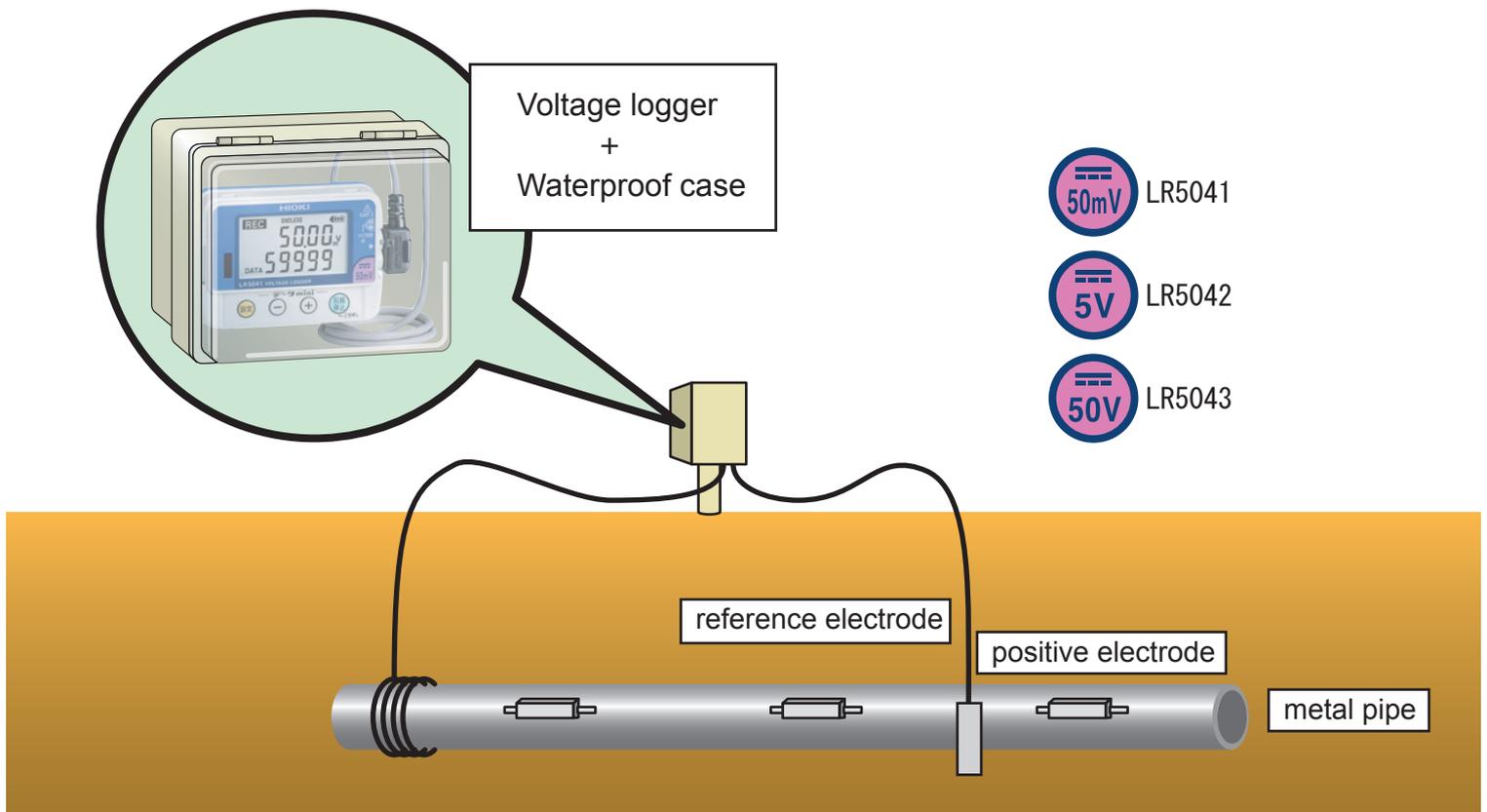


# Electrical Potential Measurement for Galvanic Protection (in Galvanic Anode Systems)

Record electrical potentials for galvanic protection to determine effectiveness.

## ■ Highlights

- Measure electrical potentials for galvanic protection using a reference electrode and voltage logger (three models LR5041, LR5042, and LR5043 are available depending on the input voltage; Select the appropriate model according to the output voltage of the sensor).
- Place the reference electrode near the positive electrode and measure the electrical potential between two points on the surface of the metal pipe (or a metal on which to provide a galvanic protection).
- Changes in the ground electric potential over time or caused by changes in the weather can be recorded.
- The measured data can be transferred to a PC and displayed in graph format (the LR5091 Communication Adapter is required for data transfer).
- Prepare a waterproof case if necessary.



## Products used

VOLTAGE LOGGER LR5041(50mV),LR5042(5V),LR5043(50V)  
COMMUNICATION ADAPTER LR5091

Please prepare the reference electrode and the waterproof case separately.

- All information correct as of October 2010.
- Contents are subject to change without notice.