

# SVC

## Ground Settlement Measuring Systems

### Summary

The SVC is a ground settlement measuring systems for continuously measuring ground settlement in banking areas. The system provides a double-pipe structure consisting of an anchor pipe fixed at a steady point and an external pipe concentrically arranged around the anchor pipe.

Rated Capacity: 100 ( $\pm 50$ ) to 2000 ( $\pm 1000$ ) mm

Nonlinearity: Within  $\pm 2\%$  RO

Rated Output: 1 mV/V or more

### Features

- Relative displacement occurs between the anchor pipe and the external pipe is detected by the BJB-C-S/D-S.
- Remote measurement is available by extending the cable length.
- A system replacing the screw anchor with a deformed bar (rock anchor) can be manufactured on request.

### Specifications

|                                       |                           |
|---------------------------------------|---------------------------|
|                                       | 500 mm ( $\pm 250$ mm )   |
|                                       | 200 mm ( $\pm 100$ mm )   |
| <b>Rated Capacity</b>                 | 2000 mm ( $\pm 1000$ mm ) |
|                                       | 100 mm ( $\pm 50$ mm )    |
|                                       | 1000 mm ( $\pm 500$ mm )  |
|                                       | (Detector: BJB-C-S,D-S )  |
| <b>Safe Temperature</b>               | -20 to 50°C               |
| <b>Rated Output</b>                   | 1 mV/V or more            |
| <b>Pipe Length</b>                    | on request                |
| <b>Dimensions of Settlement Plate</b> | 500×500×5 mm              |
| <b>Nonlinearity</b>                   | Within $\pm 2\%$ RO       |