

Analog Output Sensor for Ground Surface Deformation Measurement

Analog Extensometer



<Abstract>

The Extensometer is to observe displacement of ground surface for long term monitoring with high accuracy using extended wire at the site where land slide is worried.

This sensor outputs analog current (4-20mA) to be acquired its data by various data loggers available from the other manufacturers.

The data logger for GSM i-SENSOR makes it possible to monitor remotely for reliable measurement with low running cost as well as considerable reduction of initial installation cost.

The connection with the data logger for GSM i-SENSOR is simple and easy with its own connector.

<Features>

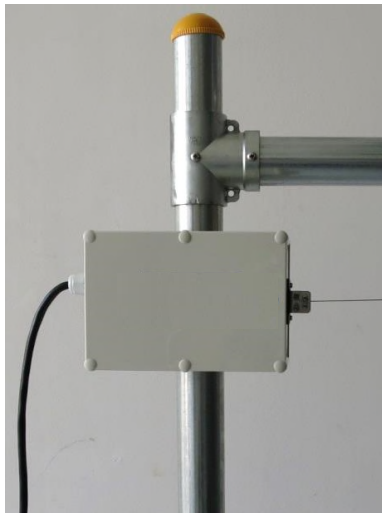
- No additional installation box is needed. Simple installation by fixing the unit with wire on the stakes.
- Its data logger for GSM i-SENSOR is available to send data by mail transmission from remote site.
- The special connector with GSM i-SENSOR is supplied as its accessory for easy connection.

<Specifications>

Measuring data	: displacement
Measurement range	: 0~800 mm
Accuracy	: ±0.2 % FS
Output	: 4~20 mA
Case	: Splash-proof polycarbonate
Operation temperature	: -10~50 °C no condensation
Dimensions	: 129(H)×185(W)×70(D) mm excluding projections
Weight	: approx. 1.9 kg including 5 m cable

<Example of installation>

It can be fixed on a $\phi 48$ mm steel pipe or a $\phi 45$ to 50 mm wooden stake with ease.



<Data logger, optional>

The remote communication by using cellular network with the data logger for GSM i-SENSOR is available.



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Please note specifications are subject to change without notice for the improvement.

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