Rod Extensometer



Description

This Meter is used measure movements of the around ground for check relaxed zone.

Feature

- High precision and stability
- Long measurement by strong durability and safety
- Easy connection with automatic measuring equipment

Specification

Туре	AEM-□ L-O
Point	1~6
Rated Capacity	100~1,000mm
Rated Output	Approx. 2~5 mV/V
Non-linearity	1% RO
Safe Temperature Range	0 ~ 60 °C
Resistance	350 Ω
Excitation Recommended	Less than 2V
Safe Exciting Voltage	5V
Electrical Connection	Point 1~3: Ø12mm, 12Core Shield Point 4~6: Ø17mm, 24Core Shield

- □ of MODEL is measuring length. (Customer request size)
- O of MODEL is number of points. (Customer request size)

Installation

- 1. Bore deeper 1~2m than measurement depth.
- 2. Put sensor in boring hole and press water pressure anchor by water pressure pump.
- 3. Fix flange by anchor bolt.
- 4. Measure the initial value by indicator.

Measurement

- 5. After Measurement by depth Gauge, substitute measured value for the following formul a.
- 6. Physical volume=(Measured value-Initial value)'f

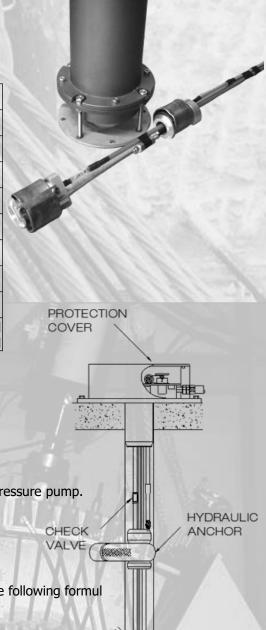
Initial vlaue: Refer each sensor test report sheet.

f(Compensation coefficient): Refer each sensor test report sheet.

Ex) Initial Value: 50µ

Measured value: 2500µ

 \gg (2500-50) \times 0.0130=31.85mm



PRESSURE

TUBE

WIRE

MEASURING