Induction current type extensometer



Description ,

Model 5600 is composed with extensometer body, metal ring, and bellow pipe which is available to attach sensing element on it.

The below pipe should be installed outside of inclinometer casing and sensing element should be attached on certain depth of below pipe. After installation for bellow pipe, it should be grouting.

After probe is lowered until bottom of inclinometer casing inside, when pulling up the probe which is closed to metal ring the buzzer will be sounded. Then, read graduation of tape depth.

Applications

This model is useful to measure with inclinometer casing at borehole, dam, and bank

Features

This model is valuable to measure total settlement. Also, it is useful to measure settlement for each section.

Ancillary equipments

Inclinometer casing

No prominent casing is required such as RC, SC, DC, WC type casing for preventing interference between casing and bellow pipe

Bellow pipe

It should be cut each 10m in order to handle and install easily and should be covered each end for preventing inflow while grouting the borehole.

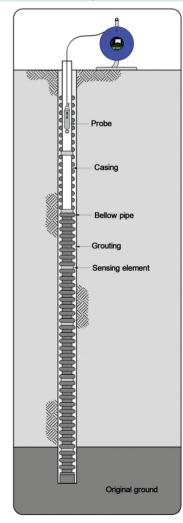
Sensing element

It should be attached outside of below pipe

• E-mail: acens@naver.com

Specification

Model			5600	
Portable	Applied sensor		Induction current type	
	Range		50m	100m
	Resolution of tape		1 _{mm}	
	Precision of tape		ISO first grade	
	Weight		2.5kg	4.5kg
	Dimensions		152(W)×278(L)×282(H)mm	
extenso meter	Material	Frame	Stainless steel pipe	
		Probe	Magnet coil circuit	
			built-in PVC product	
		Reel	ABS extruding injection	
		Таре	Polyethylene coated steel tape	
	Accessories		Voltmeter	
			On-Off switch	
Sensing element	Material		Stainless steel	
Bellow pipe	Material		Soft PE hose	
	Dimensions		ID 3~4" pipe	
Applied casing			OD Ø70 or	
			Ø85 inclinometer casing	
Operating temperature			-20∼70℃	





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