

KB-AB/KB-AC Inclinometer

Civil engineering design

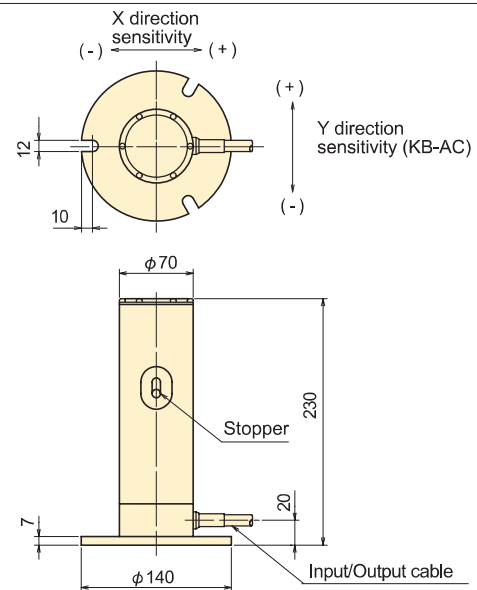


The KB-AB and KB-AC are low-capacity inclinometers. They are used to monitor the conditions of inclination of neighboring structures built by urban civil engineering works. The KB-AB measures inclination in one direction, while the KB-AC measures inclination in both X and Y directions.

Protection ratings: IP67 equivalent

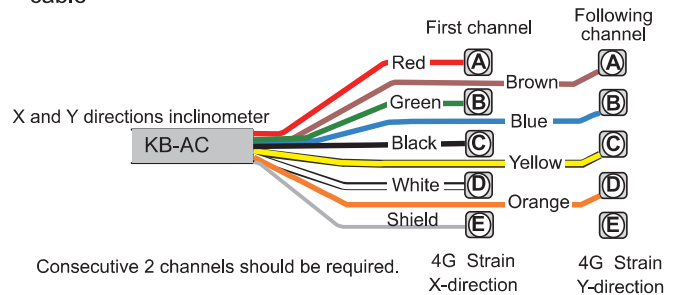
Made of all stainless steel with excellent corrosion resistance

Easy carriage and installation with external stopper
Two (X and Y) directional measurement with KB-AC
Excellent stability



■ CONNECTION TO DATA LOGGER

X and Y directions Inclinometer KB-AC with 8-core integral cable



■ SPECIFICATIONS

TYPE	KB-1AB	KB-2AB	KB-5AB	KB-1AC	KB-2AC	KB-5AC
No. of measuring direction	1			2		
Capacity	±1°	±2°	±5°	±1°	±2°	±5°
Rated output	1mV/V (2000x10 ⁻⁶ strain)					
Non-linearity	0.5%RO					
Cross sensitivity	-			3%RO or less		
Allowable temperature range	-20 ~ +60°C					
Input/Output resistance	350Ω					
Recommended exciting voltage	2V or less					
Allowable exciting voltage	5V					
Weight	5 kg					

Input/Output cable :
 KB-AB ϕ 9mm 0.5mm² 4-core shielded chloroprene cable 2m
 KB-AC ϕ 9mm 0.3mm² 8-core shielded vinyl cable 2m

■ ACCESSORY

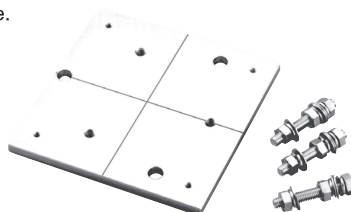
■ Protective cover KBF-13

This cover protects the KB-AB//KB-AC inclinometer installed to structure from mechanical damage.



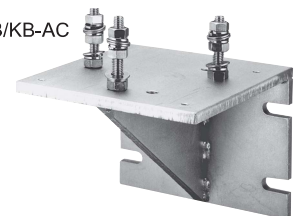
■ Flat mounting fitting KBF-15

This fitting is used to mount the KB-AB/KB-AC inclinometer to flat surface.



■ Wall mount fitting KBF-14

This fitting is used to mount the KB-AB/KB-AC inclinometer to wall of structure.



■ Level KBF-16

This level is standardly supplied to the KB-AB/KB-AC inclinometer.

