

# Mass concrete opening displacement

## KJA-A/KJB-A Joint-meter

Civil engineering design

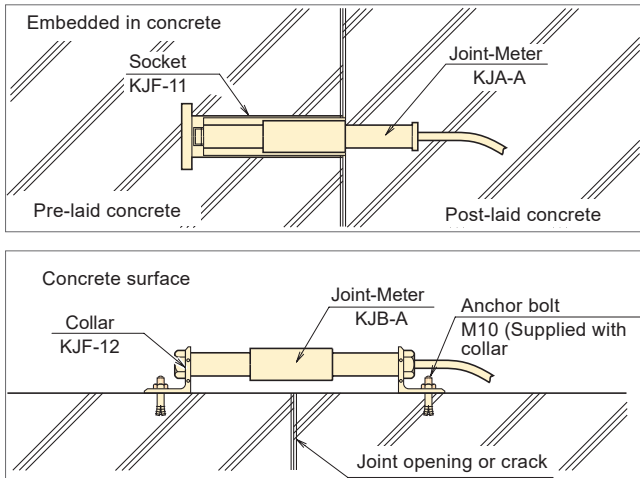


Excellent waterproofness  
Long term stable measurement  
Easy Installation

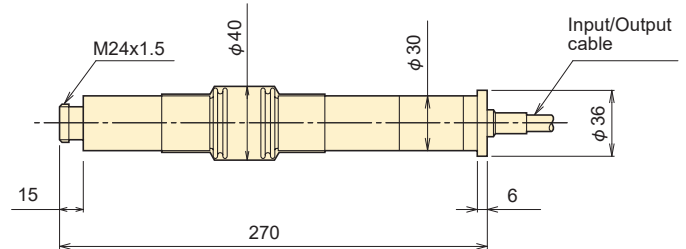
These models are used to measure joint opening displacement of mass concrete. Two models are ready for different applications. The KJA-A Joint-Meter is embedded in an exclusive socket mounted to concrete blocks made of mass concrete or other materials, and is used to measure joint opening displacement. The KJB-A is used to measure displacement on concrete surfaces or underwater simply by manufacturing appropriate fittings. Moreover, these models are available for waterproof type displacement transducer. Optional model with built-in thermocouple unit can be supplied.

Protection ratings : IP 68 equivalent

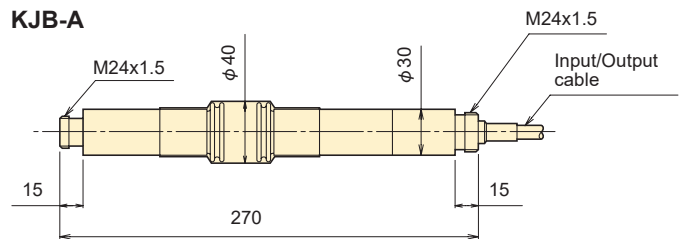
### INSTALLATION EXAMPLE



### KJA-A



### KJB-A



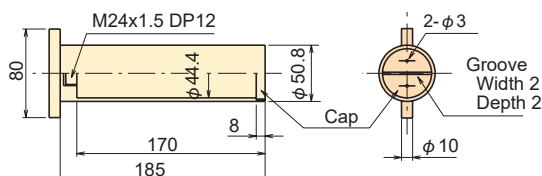
### SPECIFICATIONS

TYPE	KJA-5A KJB-5A	KJA-10A KJB-10A	KJA-20A KJB-20A	KJA-50A KJB-50A
Capacity	5mm	10mm	20mm	50mm
Rated Output	1mV/V (2000×10 <sup>-6</sup> strain)			
Non-linearity	1%RO			
Allowable temperature range	-20 ~ +80°C			
Input/Output resistance	350Ω			
Recommended exciting voltage	2V or less			
Allowable exciting voltage	10V			
Weight	700g			

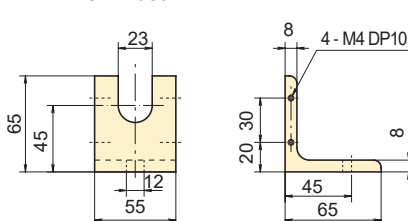
Input/Output cable : φ9mm 0.5mm<sup>2</sup> 4-core shielded chloroprene cable 2m

### ACCESSORY

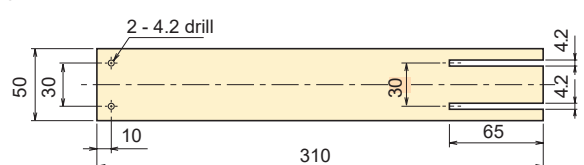
#### Socket KJF-11 KJA-A use



#### Collar KJF-12 KJB-A use



#### Dummy plate KJF-13 KJB-A use



#### Protective cover KJF-14 KJB-A use

