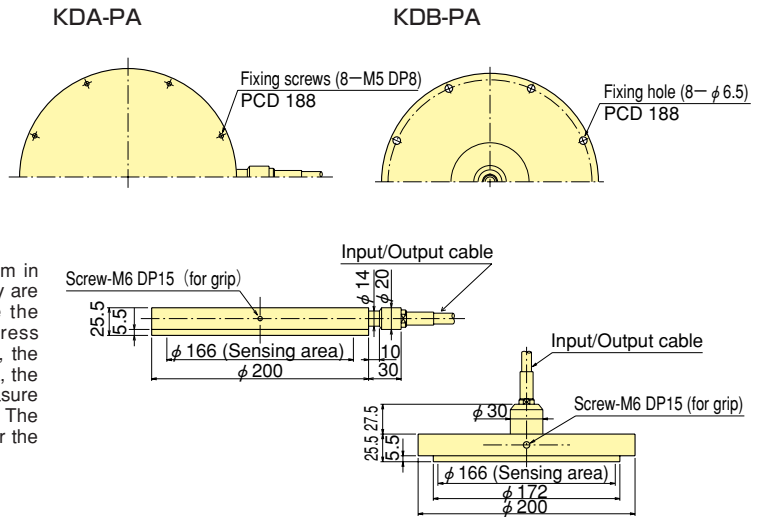
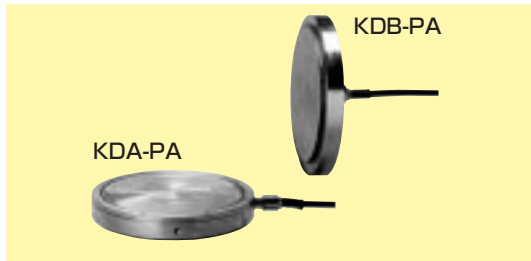


# KDA-PA/KDB-PA Soil Pressure Gauge



The KDA-PA and KDB-PA are soil pressure gauges each 200 mm in outside diameter. They are widely used at construction sites. They are designed with a dual-diaphragm structure that can minimize the displacement of a sensing area and thereby can keep the stress distribution in soil undisturbed under pressure. With the KDA-PA, the Input/Output cable comes from the side of body. With the KDB-PA, the cable comes from the back of body. The KDA-PA is used to measure the pressure in soil and to monitor the behavior of embankments. The KDB-PA is used to measure the pressure in earth retaining walls or the pressure on wall surfaces of structures.

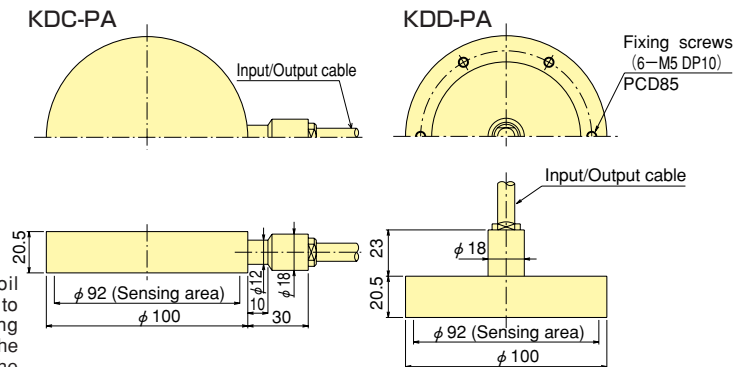
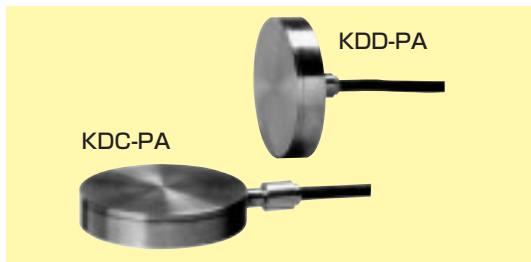
Protection ratings : IP 68 equivalent

## Specifications

Type	KDA-200KPa	KDB-200KPa	KDA-500KPa	KDB-500KPa	KDA-1MPa	KDB-1MPa	KDA-2MPa	KDB-2MPa
Capacity	200kPa		500kPa		1MPa		2MPa	
Rated output	Approx. 0.8mV/V (1600×10 <sup>-6</sup> strain)		Approx. 1mV/V (2000×10 <sup>-6</sup> strain)					
Non-linearity	2%RO		1%RO					
Temperature range	-20~+60°C							
Input/output resistance	350 Ω							
Recommended exciting voltage	Less than 3V							
Allowable exciting voltage	10V							
Cable drawing direction	KDA-PA : from side of body/KDB-PA : from back of body							
Weight	6kg							

Input/output cable : φ 9mm 0.5mm<sup>2</sup> 4-core shielded chloroprene cable 2m

# KDC-PA/KDD-PA Soil Pressure Gauge



The KDC-PA and KDD-PA are anticorrosion stainless-steel soil pressure gauges each 100 mm in outside diameter. They are used to measure the pressure in soil in ocean or coastal civil engineering structures and to measure the dynamic pressure of waves. With the KDC-PA, the Input/Output cable comes from the side of body. With the KDD-PA, the cable comes from the back of body.

Protection ratings : IP 68 equivalent

## Specifications

Type	KDC-200KPa	KDD-200KPa	KDC-500KPa	KDD-500KPa	KDC-1MPa	KDD-1MPa	KDC-2MPa	KDD-2MPa
Capacity	200kPa		500kPa		1MPa		2MPa	
Rated output	Approx. 0.8mV/V (1600×10 <sup>-6</sup> strain)		Approx. 1mV/V (2000×10 <sup>-6</sup> strain)					
Non-linearity	2%RO		1%RO					
Temperature range	-20~+60°C							
Input/output resistance	350 Ω							
Recommended exciting voltage	Less than 3V							
Allowable exciting voltage	10V							
Cable drawing direction	KDC-PA : from side of body/KDD-PA : from back of body							
Weight	1.2kg							

Input/output cable : φ 9mm 0.5mm<sup>2</sup> 4-core shielded chloroprene cable 2m