

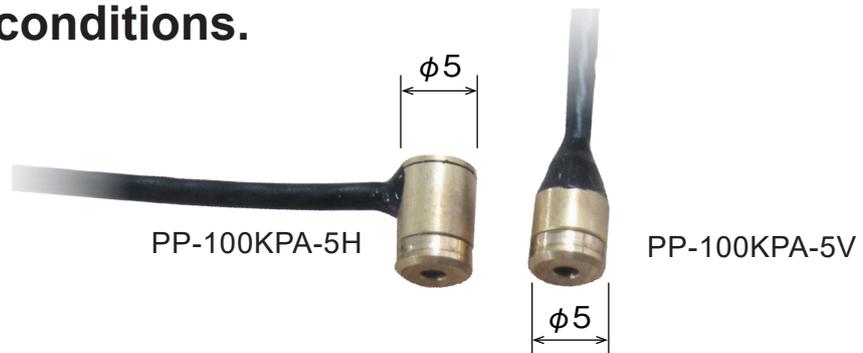
PP-100KPA-5V/5H

High-sensitivity Ultracompact pore water pressure Transducer

Ultracompact ($\phi 5$ mm)
Pore Water Pressure Transducer

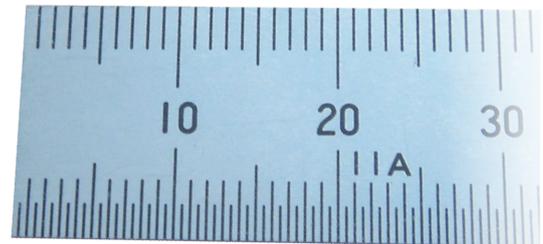
Ideal for measuring pore water pressure in soil in model experiments.

Approximately one month of continuous measurement is possible within the specified environmental conditions.



Features

- Ultra-compact design, ideal for model experiments
- High sensitivity— approximately **2.6** times higher than the KPG/KPH-100KPA



Specifications

Type	PP-100KPA-5V	PP-100KPA-5H
Capacity	100kPa	
Rated output	Approx. 4000×10^{-6} (at 2V excitation)	
Non-linearity	0.5%RO	
Filter Mesh	#100	
Allowable temperature range	0 to +60°C (no icing)	
Input/Output Resistance	approx. 1000Ω	
Applied Voltage	2V	
Absolute Maximum Rated Voltage	5V	
Weight (Sensor section)	approx. 0.6g	approx. 0.8g
Protection ratings	IP68 equivalent	
Input/Output cable	$\phi 1.7$ mm 0.035mm ² 4-core shielded vinyl cable 5m free end	
Related products	Filter Mesh #100, #200, #300, 40μm, 70μm	

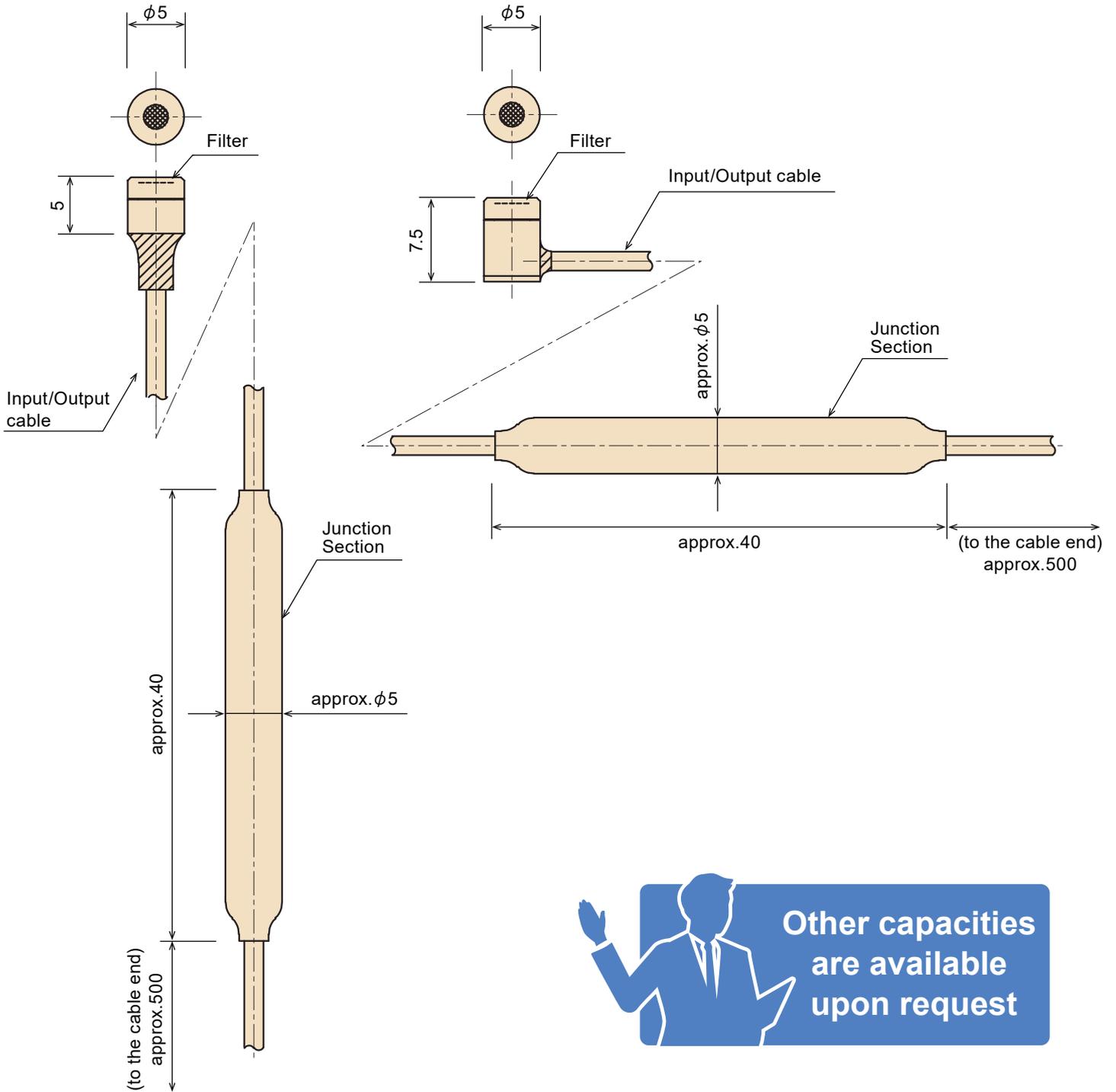
* Compatible measuring instruments: 4G 0–2 V mode only

External Dimensions

PP-100KPA-5V

PP-100KPA-5H

Unit : mm



Other capacities are available upon request

The contents of this catalog are subject to change without prior notice.
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Approval Certificate **ISO9001**
Design and manufacture of strain gauges, strain measuring equipment and transducers



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