

High-sensitivity compact pore water pressure Transducer

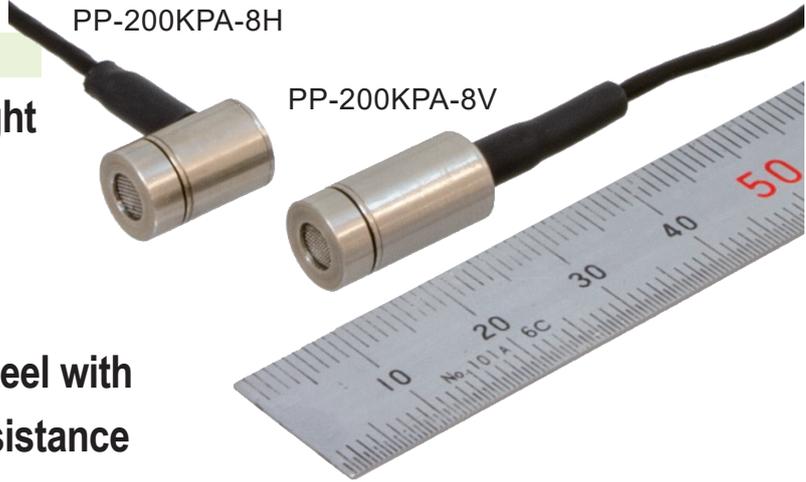
PP-200KPA-8V/-8H

High-sensitivity pore pressure transducers for "Test and Research" such as model tests

Compact pore water pressure transducer to measure pore water pressure in soil in model tests. It is possible to measure for about one week under the environment within the specification range

Features

- Compact and lightweight
- High sensitive (Approx. 3times that of KPH-200KPA)
- Made of all stainless steel with excellent corrosion resistance



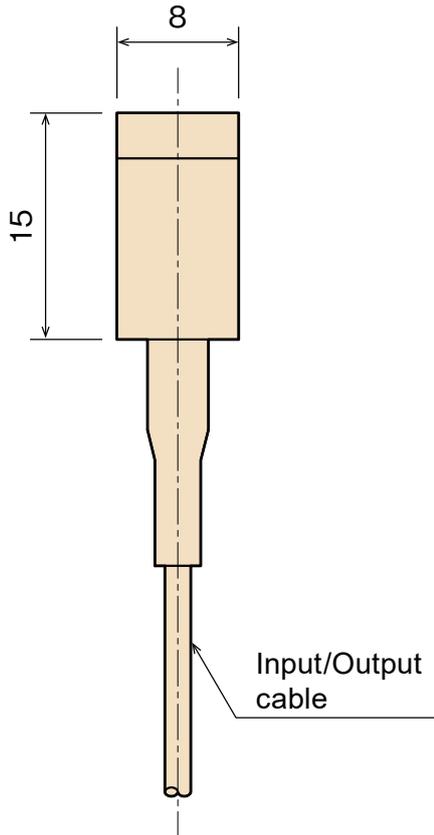
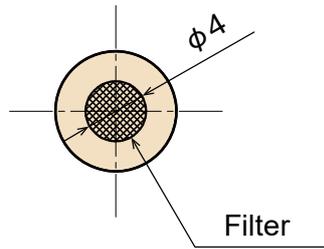
Specifications

Type	PP-200KPA-8V PP-200KPA-8H
Capacity	200kPa
Rated Output	approx.5.0mV/V(10000×10 ⁻⁶ strain)
Non-linearity	0.3%RO
Filter Mesh	# 100
Allowable temperature range	0~+60°C (no icing)
Input/Output resistance	approx. 5000Ω
Recommended exciting voltage	approx. 2V or less
Allowable exciting voltage	15V
Weight	approx. 5g
Protection ratings	IP68 equivalent
Applicable measuring instrument	TMR-321 / TMR-322 / TDS-540*
Input/Output cable	φ 1.7mm 0.035mm ² 4-core shielded vinyl cable 5m free end
Related products	Filter Mesh # 200, # 400

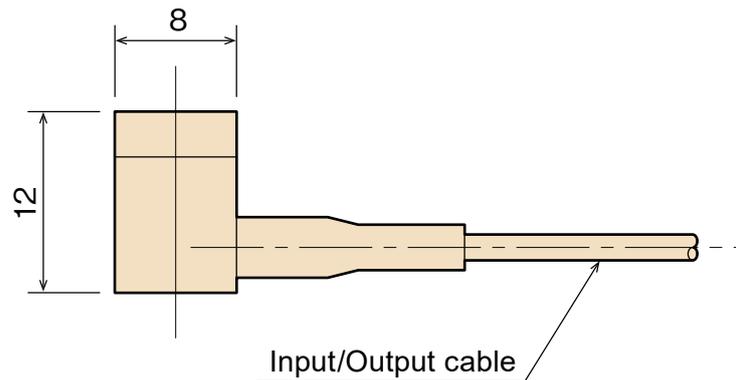
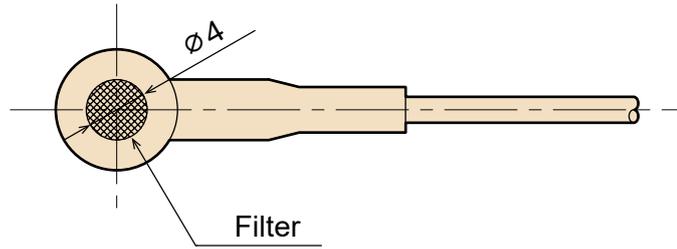
*It is possible to use TDS-540 (built-in switch box with serial number COW0220540 or later)

External Dimensions

PP-200KPA-8V



PP-200KPA-8H



Unit : mm

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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