This is I.T. Co., Ltd.
1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.
T.Samrongnua A.Muang Samutprakarn Thailand 10270
Hot Line: 091-095-8123 Site: www.thisisit.co.th E-mail: sales@thisisit.co.th

HVJS-JG – SMALL & HIGH TEMPERATURE PRESSURE TRANSDUCER

Features

- Small size. Light weight (40 grams per unit, excluding cable).
- Vibration-proof construction (300m/s2).
- Meeting high temperature requirement (150℃)
- Using stainless steel material (SUS630) in pressure receiving surface for insuring excellent corrosion proof capabilities.
- Accuracy class: 0.5% RO.

Specifications

Safe Overload	120%RC
Rated Output	1.0mV/V±20% (1MPa) 1.5mV/V±20% (2MPa to 10MPa)
Nonlinearity	0.5%RO
Hysteresis	0.5%RO
Repeatability	0.3%RO
Excitation Voltage	4V (or less)
Safe Excitation Voltage	6V
Input Resistance	370Ω
Output Resistance	350Ω
Compensated Temp.Range	-10 to 150℃
Safe Temp.Range	-20 to 165℃
Temp.Effect on Zero	0.008RO/℃
Temp.Effect on Output	0.01%/℃
Cable	Φ4mm-4wire shielded heat-resistant cable, length: 5m With tip connector
Attached connector	PRC03-12A10-7M

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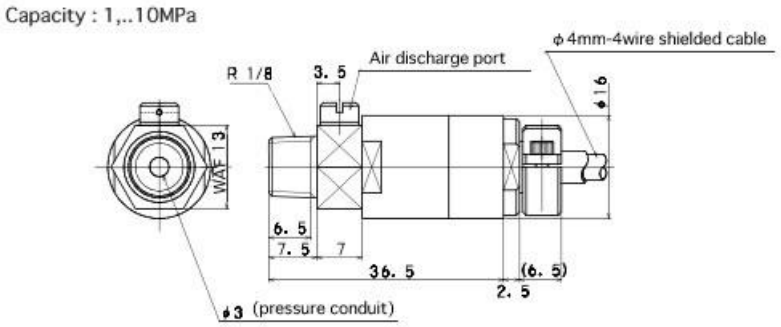
Appearance Dimensions



Model and Capacity / Frequency response / etc. (unit : mm)

Model	Capacity	Natural frequency	Weight
HVJS-1JG	1MPa(10.20kgf/cm^2)	38kHz	40g
HVJS-2JG	2MPa(20.39kgf/cm^2)	60kHz	40g
HVJS-5JG	5MPa(50.99kgf/cm^2)	95kHz	40g
HVJS-10JG	10MPa(102.0kgf/cm^2)	165kHz	40g

- The weight indicated in the tables of this data sheet does not include the weight of relay cables.
- The numerical values of the natural frequency indicated in this data sheet are the calculated values of the independent single elastic body. The pressure response is dependent on features of the pressure media and so on.