



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

HVM – Flush-Diaphragm Pressure Transducer

Features

- For versatile applications. Flush diaphragm type.
- Most suitable for the measurement of high response impulsive pressures.
- Covering the applications for high viscosity pressure media.
- All stainless steel made.
- Accuracy class: 0.3% RO excluding some rated capacities.



Specifications

Safe Overload	120%RC
Rated Output	1.0mV/V±20% (1MPa) 1.5mV/V±20% (2MPa to 50MPa)
Nonlinearity	0.3%RO
Hysteresis	0.5%RO
Repeatability	0.3%RO
Excitation Voltage	4V (or less)
Safe Excitation Voltage	6V
Input Resistance	350Ω
Output Resistance	350Ω
Compensated Temp.Range	-10 to 60°C
Safe Temp.Range	-20 to 80°C
Temp.Effect on Zero	0.08%RO/°C
Temp.Effect on Output	0.05%/°C
Cable	Φ6mm-4wire shielded cable, length : 0.3 m
Connector(on body)	Jack / PRC03-32A10-7F
Attached cable	L-A-5



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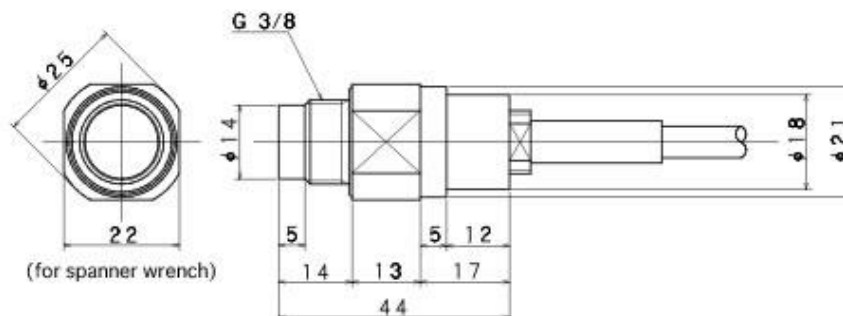
SHOWA MEASURING INSTRUMENTS INC.

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Appearance Dimensions



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

Model	Capacity	Natural frequency	Weight
HVM-1MPa	1MPa(10.20kgf/cm ²)	36kHz	80g
HVM-2MPa	2MPa(20.39kgf/cm ²)	43kHz	80g
HVM-5MPa	5MPa(50.99kgf/cm ²)	62kHz	80g
HVM-10MPa	10MPa(102.0kgf/cm ²)	84kHz	80g
HVM-20MPa	20MPa(203.9kgf/cm ²)	120kHz	80g
HVM-50MPa	50MPa(509.9kgf/cm ²)	180kHz	80g



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