

深圳市诗拓浦仪器仪表有限公司

SHOWA 压力传感器 HVS-500KPA



型号:

HVS-500KPA

HVS-1MPA

HVS-2MPA

HVS-5MPA

HVS-10MPA

HVS-20MPA

HVS-50MPA

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特征:

- 1, 高精度、高稳定型。
- 2, 压力管道类型。密封结构。
- 3, 全不锈钢制造。
- 4, 精度等级: 0.15%反渗透, 不包括某些额定容量。
- 5, 最适合用于试验机等高精度液压检测。

规格:

- 1, 安全过载: 120%RC
- 2, 额定输出功率: 1.0mV/V $\pm$ 1% (500kPa,1MPa)
1.5mV/V $\pm$ 1% (2MPa to 50MPa)
- 3, 非线性: 0.3%RO (500kPa,1MPa)
0.15%RO (2MPa to 50MPa)
- 4, 滞后现象;0.3%RO (500kPa,1MPa)
0.15%RO (2MPa to 50MPa)
- 5, 重复性: 0.2%RO (500kPa,1MPa)
0.1%RO (2MPa to 50MPa)
- 6, 励磁电压: 10V
- 7, 安全励磁电压: 15V
- 8, 输入电阻: 350 Ω
- 9, 补偿温度范围: -10to 60 $^{\circ}$ C
- 10, 安全温度范围: -20to 80 $^{\circ}$ C

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11, 环境对零的影响: 0.01%RO/°C (500kPa, 1MPa)

0.005%RO/°C (2MPa to 50MPa)

12, 环境对产出的影响: 0.01%/°C

13, 输出电阻:350 Ω

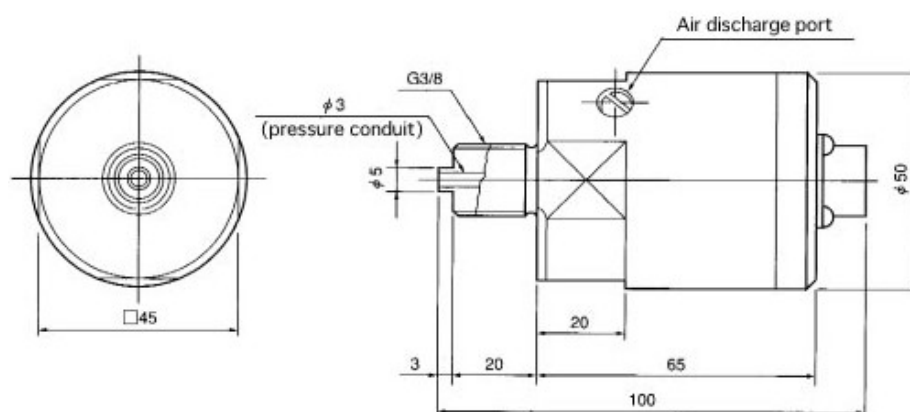
产品相关图片

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

Model	Capacity	Natural frequency	Weight
HVS-500KPA	500kPa(5.099kgf/cm ²)	10kHz	0.8kg
HVS-1MPA	1MPa(10.20kgf/cm ²)	16kHz	0.8kg
HVS-2MPA	2MPa(20.39kgf/cm ²)	20kHz	0.8kg
HVS-5MPA	5MPa(50.99kgf/cm ²)	34kHz	0.8kg
HVS-10MPA	10MPa(102.0kgf/cm ²)	44kHz	0.8kg
HVS-20MPA	20MPa(203.9kgf/cm ²)	68kHz	0.8kg
HVS-50MPA	50MPa(509.9kgf/cm ²)	92kHz	0.8kg

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Safe Overload	120%RC
Rated Output	1.0mV/V $\pm$ 1% (500kPa, 1MPa) 1.5mV/V $\pm$ 1% (2MPa to 50MPa)
Nonlinearity	0.3%RO (500kPa, 1MPa) 0.15%RO (2MPa to 50MPa)
Hysteresis	0.3%RO (500kPa, 1MPa) 0.15%RO (2MPa to 50MPa)
Repeatability	0.2%RO (500kPa, 1MPa) 0.1%RO (2MPa to 50MPa)
Excitation Voltage	10V (or less)
Safe Excitation Voltage	15V
Input Rsistance	350 Ω
Output Rsistance	350 Ω
Compensated Temp.Range	-10 to 60 $^{\circ}$ C
Safe Temp.Range	-20 to 80 $^{\circ}$ C
Temp.Effect on Zero	0.01%RO/ $^{\circ}$ C (500kPa, 1MPa) 0.005%RO/ $^{\circ}$ C (2MPa to 50MPa)
Temp.Effect on Output	0.01%/ $^{\circ}$ C
Connector(on body)	Receptacle / PRC03-21A10-7F
Attached cable	L-A-5 (Refer to transducer connections)



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