

108A04液压泵ICP压力传感器

产品名称	108A04液压泵ICP压力传感器
公司名称	上海持承自动化设备有限公司
价格	132.00/个
规格参数	PCB:30000 psi 108A04:0.15 mV/psi 美国:meiguo
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产品详情

108A04液压泵ICP压力传感器

108A04传感器美国进口渠道、108A04传感器同轴线缆长度可选

Hydraulic pump ICP pressure sensor, 30k psi, 0.15 mV/psi (long life integral diaphragm)

Measurement Range: 30000 psi (207000 kPa)

Sensitivity: (± 15%) 0.15 mV/psi (0.022 mV/kPa)

Low Frequency Response: (-5%) 0.002 Hz

Resonant Frequency: >=250 kHz (>=250 kHz)

Electrical Connector: 10-32 Coaxial Jack

Weight: 0.48 oz (13.6 gm)

PERFORMANCE Measurement Range (for ± 4.5V output) 30000 psi 207000 kPa Sensitivity (± 15 %) 0.15 mV/psi 0.022 mV/kPa Maximum Pressure 50000 psi 344750 kPa Resolution 500 mpsi 3.5 kPa Resonant Frequency 250 kHz 250 kHz Rise Time (Reflected) 2 sec 2 sec Low Frequency Response (-5 %) 0.002 Hz 0.002 Hz Non-Linearity 2 % FS 2 % FS [1] ENVIRONMENTAL Acceleration Sensitivity 0.05 psi/g 0.035 kPa/(m/s) Temperature Range (Operating) -100 to +275 ° F -73 to +135 ° C Temperature Coefficient of Sensitivity 0.10 %/ ° F 0.18 %/ ° C Maximum Vibration 2000 g pk 19614 m/s pk Maximum Shock 20000 g pk 196140 m/s pk ELECTRICAL Output Polarity (Positive Pressure) Positive Positive Discharge Time Constant (at room temp) 250 sec 250 sec Excitation Voltage 20 to 30 VDC 20 to 30 VDC Constant Current Excitation 2 to 20 mA 2 to 20 mA Output Impedance 100 Ohm 100 Ohm Output Bias Voltage 8 to 14 VDC 8 to 14

VDCPHYSICALSensing GeometryCompressionCompressionSensing ElementQuartzQuartzHousing
MaterialC-300C-300DiaphragmC-300C-300SealingWelded HermeticWelded HermeticElectrical Connector10-32
Coaxial Jack10-32 Coaxial JackWeight0.48 oz13.6 gm

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] Zero-based, least-squares, straight line method.[2] See PCB Declaration of Conformance PS023 for details.

Accessories:

Supplied065A06Seal ring 0.318" OD x 0.250" ID x 0.010" thk 316L SS material(3)

Optional Versions:

(M) Metric Mount

ENGLISHSI