

1380-02A/1381-04A荷载传感器现货出售

产品名称	1380-02A/1381-04A荷载传感器现货出售
公司名称	上海持承自动化设备有限公司
价格	628.00/件
规格参数	PCB:1381-04A PCB:1380-02A 美国:USA
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产品详情

1380-02A/1381-04A荷载传感器现货出售

1380-02APCB L&T Rod End Load Cell, 1,000 lbf (4.4 kN) rated capacity, 50% static overload protection, 3/4-16 male & female thread, aluminum construction Measurement Range: 1000 lbf (4448 N) Size - Diameter: 1.50 in (38.1 mm) Size - Height: 4.25 in (107.9 mm) Electrical Connector: PT02E-10-6P

Performance

Measurement Range	1000 lbf
Sensitivity (± 10 %)	2 mV/V
Non-Linearity	0.25 % FS
Hysteresis	0.15 % FS
Non-Repeatability	0.05 %RO

Resonant Frequency	10 kHz
Environmental Overload Limit	1500 lbf
Load Limit (Side Force, FX or FY)	250 lbf
Load Limit (Bending Moment, MX or MY)	750 inf-lb
Load Limit (Axial Torque, MZ)	650 inf-lb
Temperature Range (Operating)	-20 to +200 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.01 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.005 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5000000000 Ohm
Zero Balance	1 % FS

Output Polarity	Positive
Output Polarity	+Tension
Physical Size - Height	4.25 in
Size - Diameter	1.50 in
Weight	0.5 lb
Mounting Thread	3/4 - 16 Male
Mounting Thread	3/4 - 16 Female
Cover Material	Anodized Aluminum
Sensor Material	Anodized Aluminum
Sensing Element	Strain Gage
Deflection at Full Scale Capacity	0.0006 in
Electrical Connector	PT02E-10-6P

1381-04ARod End Load Cell, 20k lbf (89 kN) rated capacity, 50% static overload protection, 1-14 male & female thread, steel construction Measurement Range: 20 klb (89 kN) Size - Diameter: 1.50 in (38.1 mm) Size - Height: 4.50 in (114.3 mm) Electrical Connector: PT02E-10-6P

Performance

Measurement Range	20 klb
Sensitivity (± 10 %)	2 mV/V
Non-Linearity	0.25 % FS
Hysteresis	0.15 % FS
Non-Repeatability	0.05 %RO
Resonant Frequency	15 kHz
Environmental Overload Limit	30 klb
Load Limit (Side Force, FX or FY)	2400 lbf
Load Limit (Bending Moment, MX or MY)	6500 inf-lb
Load Limit (Axial Torque, MZ)	7500 inf-lb
Temperature Range (Operating)	-20 to +200 ° F

Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.01 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.005 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5000000000 Ohm
Zero Balance	1 % FS
Output Polarity	Positive
Output Polarity	+Tension
Physical Size - Height	4.50 in
Size - Diameter	1.50 in
Weight	1.2 lb
Mounting Thread	1 - 14 Male

Mounting Thread	1 - 14 Female
Cover Material	Anodized Aluminum
Sensing Element	Strain Gage
Deflection at Full Scale Capacity	0.0012 in
Electrical Connector	PT02E-10-6P

多通道采集各类物理信息，并以图形形式实时显示。记录数据支持导出txt，uff等格式以便其他软件做后处理。

功能：

- a.通道支持AC,DC,ICP,TEDS耦合方式，兼容振动，噪声，动压，转速等传感器。
- b.实时显示FFT频谱，传递函数，倍频程，能量趋势图，三位谱，实时积分等。
- c.多窗口多通道显示，可自定义各类显示格式。
- d.设置X轴，Y轴单位，例如g,m/s²，mm/s²,m,mm,m/s,mm/s等。
- e.后处理原始信号，例如截取，滤波，重采样，导出等，做计算如频谱，倍频，能量值，传递函数等。

产品运行过程：

建立项目-设置通道-检测信号-开始采集-记录数据-导出各类格式&后处理

软件示例：

