

1630-03C (1631-03C) 1631-06C称重传感器美国PCB博大精深

产品名称	1630-03C (1631-03C) 1631-06C称重传感器美国PCB博大精深
公司名称	上海持承自动化设备有限公司
价格	704.00/件
规格参数	PCB:1630-03C PCB:1631-03C 美国:1631-06C
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
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产品详情

1630-03C (1631-03C) 1631-06C称重传感器美国PCB博大精深

1630-03CPCB L&T S型称重传感器，50 lbf额定容量，150%反渗透静态过载保护，2mV/V输出，1/4-28 UNF 螺纹，整体10英尺电缆，带开口端，铝制结构测量范围：50磅（222牛顿）尺寸-高度：2.50英寸（64毫米）电连接器：10英尺-集成电缆

Capacity Measurement Range	50 lb
Sensitivity (± 10 %)	2 mV/V
Non-Linearity	0.05 % FS
Hysteresis	0.03 % FS
Non-Repeatability	0.02 %RO

Creep (in 20 minutes)	0.08 %
Resonant Frequency	1.5 kHz
Environmental Overload Limit	75 lb
Load Limit (Side Force, FX or FY)	5 lb
Load Limit (Bending Moment, MX or MY)	10 in-lb
Load Limit (Axial Torque, MZ)	10 in-lb
Temperature Range (Operating)	-65 to +200 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.0008 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.0015 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5000000000 Ohm

Zero Balance	$\pm 1\%$ FS
Output Polarity	+Tension
Physical Size - Height	2.50 in
Size - Width	0.625 in
Size - Length	2.00 in
Weight	0.23 lb
Mounting Thread	1/4-28 thread
Housing Material	Aluminum
Sensing Element	Strain Gage
Deflection at Full Scale Capacity	0.002 in
Electrical Connector	10 ft - Integrated Cable
Electrical Connection Position	Side

1631-03CPCB L&T S-Type Load Cell, 1k lbf rated capacity, 150% of RO static overload protection, 2mV/V output, 1/2-20 UNF threads, integral 10 ft cable w/ open end, aluminum construction
Measurement Range: 1000 lb (4448 N)
Size - Height: 3.0 in (76.2 mm)

Figure 81
Performance

Measurement Range	1000 lb
Sensitivity (± 10 %)	2 mV/V
Non-Linearity	0.05 % FS
Hysteresis	0.03 % FS
Non-Repeatability	0.02 %RO
Creep (in 20 minutes)	0.08 %
Resonant Frequency	3.2 kHz
Environmental Overload Limit	1500 lb
Load Limit (Side Force, FX or FY)	100 lb
Load Limit (Bending Moment, MX or MY)	200 in-lb
Load Limit (Axial Torque, MZ)	200 in-lb

Temperature Range (Operating)	0 to +200 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.0005 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.0015 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5000000000 Ohm
Zero Balance	± 1 % FS
Output Polarity	+Tension
Physical Size - Height	3.0 in
Size - Width	1.0 in
Size - Length	2.0 in
Weight	0.43 lb

Mounting Thread 1/2-20 Thread

Housing Material Aluminum

Sensing Element Strain Gage

Deflection at Full Scale Capacity 0.0025 in

1631-06CPCB L&T S型称重传感器，5000 lbf额定容量，150%反渗透静态过载保护，2mV/V输出，5/8-18 U NF螺纹，完整的10英尺电缆，带开口端，镀镍钢测量范围：5000磅（22.2千牛）尺寸-高度：3.50英寸（89毫米）电连接器：10英尺-集成电缆

Capacity

Measurement Range 5000 lb

Sensitivity ($\pm 10\%$) 2 mV/V

Non-Linearity 0.05 % FS

Hysteresis 0.03 % FS

Non-Repeatability 0.02 %RO

Creep (in 20 minutes) 0.08 %

Resonant Frequency 2.5 kHz

Environmental Overload Limit	7500 lb
Load Limit (Side Force, FX or FY)	500 lb
Load Limit (Bending Moment, MX or MY)	1250 in-lb
Load Limit (Axial Torque, MZ)	1250 in-lb
Temperature Range (Operating)	0 to +200 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.0008 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.0015 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5000000000 Ohm
Zero Balance	± 1 % FS

Output Polarity	+Tension
Physical Size - Height	3.50 in
Size - Width	1.50 in
Size - Length	2.50 in
Weight	2.85 lb
Mounting Thread	5/8-18 Thread
Housing Material	Nickel Plated Steel
Sensing Element	Strain Gage
Deflection at Full Scale Capacity	0.003 in

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