

1631-03C (1630-03C) 1631-01C

产品名称	1631-03C (1630-03C) 1631-01C
公司名称	上海持承自动化设备有限公司
价格	20.00/个
规格参数	PCB:1000 lb 1631:2 mV/V 美国: 0.05 % FS
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产品详情

1631-03C (1630-03C) 1630-04C/1631-01C

1631-03C (1630-03C) 1630-04C/1631-01C国外原装

PCB L&T S-Type Load Cell, 100 lbf rated capacity, 150% of RO static overload protection, 2mV/V output, 1/4-28 UNF threads, integral 10 ft cable w/ open end, aluminum construction

Measurement Range: 100 lb (445 N)

Size - Height: 2.50 in (64 mm)

Electrical Connector: 10 ft - Integrated Cable

PERFORMANCE
 Measurement Range 100 lb 445 N [1] Sensitivity (± 10 %) 2 mV/V 2 mV/V [2] Non-Linearity 0.05 % FS 0.05 % FS Hysteresis 0.03 % FS 0.03 % FS Non-Repeatability 0.02 % RO 0.02 % RO Creep (in 20 minutes) 0.08 % 0.08 % Resonant Frequency 1.8 kHz 1.8 kHz ENVIRONMENTAL
 Overload Limit 150 lb 667 N Load Limit (Side Force, FX or FY) 10 lb 44.5 N [3] Load Limit (Bending Moment, MX or MY) 20 in-lb 2.26 Nm [3] Load Limit (Axial Torque, MZ) 20 in-lb 2.26 Nm [3] Temperature Range (Operating) 0 to +200 ° F -18 to +93 ° C Temperature Range (Compensated) +70 to +170 ° F +21 to +77 ° C Temperature Effect on Output (Maximum) ± 0.0008 % Reading/ ° F ± 0.0015 % Reading/ ° C [4] Temperature Effect on Zero Balance (Maximum) ± 0.0015 % FS/ ° F ± 0.027 % FS/ ° C [4] ELECTRICAL
 Bridge Resistance 350 Ohm 350 Ohm [5] Excitation Voltage (Recommended) 10 VDC 10 VDC [6] Insulation Resistance >5000000000 Ohm >5000000000 Ohm Zero Balance ± 1 % FS ± 1 % FS PHYSICAL
 Size - Height 2.50 in 64 mm [7] Size - Width 0.625 in 16 mm [7] Size - Length 2.00 in 51 mm [7] Weight 0.23 lb 104 g Mounting Thread 1/4-28 thread No Metric Equivalent Housing Material Aluminum Aluminum Sensing Element Strain Gage Strain Gage Deflection at Full Scale Capacity 0.002 in 0.05 mm Electrical Connector 10 ft - Integrated Cable 10 ft - Integrated Cable Electrical Connection Position Side Side

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] FS - Full Scale.[2] RO - Rated Output.[3] Singularly applied, i.e. no other extraneous loads.[4] Over compensated operating temperature range.[5] Nominal.[6] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS.[7] See Outline Drawing 46137 for Complete Dimensions

PCB 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)

PERFORMANCE
Measurement Range 1000 lb 4448 N [1] Sensitivity (± 10 %) 2 mV/V 2 mV/V [2] Non-Linearity 0.05 % FS 0.05 % FS Hysteresis 0.03 % FS 0.03 % FS Non-Repeatability 0.02 % RO 0.02 % RO Creep (in 20 minutes) 0.08 % 0.08 % Resonant Frequency 3.2 kHz 3.2 kHz ENVIRONMENTAL
Overload Limit 1500 lb 6672 N Load Limit (Side Force, FX or FY) 100 lb 445 N [3] Load Limit (Bending Moment, MX or MY) 200 in-lb 22.6 Nm [3] Load Limit (Axial Torque, MZ) 200 in-lb 22.6 Nm [3] Temperature Range (Operating) 0 to +200 ° F -18 to +93 ° C Temperature Range (Compensated) +70 to +170 ° F +21 to +77 ° C Temperature Effect on Output (Maximum) ± 0.0005 % Reading/ ° F ± 0.0015 % Reading/ ° C [4] Temperature Effect on Zero Balance (Maximum) ± 0.0015 % FS/ ° F ± 0.027 % FS/ ° C [4] ELECTRICAL
Bridge Resistance 350 Ohm 350 Ohm [5] Excitation Voltage (Recommended) 10 VDC 10 VDC [6] Insulation Resistance >5000000000 Ohm >5000000000 Ohm Zero Balance ± 1 % FS ± 1 % FS Output Polarity +Tension +Tension PHYSICAL
Size - Height 3.0 in 76.2 mm Size - Width 1.0 in 25.4 mm Size - Length 2.0 in 51.0 mm [7] Weight 0.43 lb 195 g Mounting Thread 1/2-20 Thread No Metric Equivalent Housing Material Aluminum Aluminum Sensing Element Strain Gage Strain Gage Deflection at Full Scale Capacity 0.0025 in 0.05 mm Electrical Connector 10 ft - Integrated Cable 10 ft - Integrated Cable Electrical Connection Position Side Side

All specifications are at room temperature unless otherwise specified.

[1] FS - Full Scale.[2] RO - Rated Output.[3] Singularly applied, i.e. no other extraneous loads.[4] Over compensated operating temperature range.[5] Nominal.[6] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS.[7] See Outline Drawing 46138 for Complete Dimensions