

## 4115K-04A ( 104-03A 3124-02A ) 力矩传感器美国PCB单价低货期短

产品名称	4115K-04A ( 104-03A 3124-02A ) 力矩传感器美国PCB单价低货期短
公司名称	上海持承自动化设备有限公司
价格	944.00/个
规格参数	PCB: 0.05 % FS 104-03:500 in-lb 美国:2.5 mV/V
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## 产品详情

### 4115K-04A ( 104-03A 3124-02A ) 力矩传感器美国PCB单价低货期短

Model: 4115K-04APCB L&T Torque Sensor, Rotary Transformer, 500 in-lb Capacity FS, Flanges and Splines per AND10262 & AND20002Speed sensor sold separately.Measurement Range: 500 in-lb (55 Nm)Sensitivity: ( ± 15%) 2.5 mV/V (2.5 mV/V)Non-Linearity: <=0.05 % FSMounting: Flange w/ Splined ShaftMaximum Speed: 15000 RPM

#### Performance

Measurement Range (Full Scale Capacity)	500 in-lb
Sensitivity ( ± 15 %) (output at rated capacity)	2.5 mV/V
Non-Linearity	0.05 % FS
Hysteresis	0.05 % FS
Non-Repeatability	0.03 % FS

Environmental Overload Limit	1500 in-lb
Temperature Range (Operating)	-65 to 225 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.002 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.002 %FS/ ° F
Electrical Bridge Resistance	350 Ohm
Excitation Frequency	3.28 kHz
Excitation Voltage	2 to 10 VAC rms
Insulation Resistance	>5000000 kohm
Zero Balance	2 % FS
Bridge Current (at 5 VAC)	50 mA
Physical Size - Shaft Length	9.56 in

Size - Housing Length	8.25 in
Size - Housing Height	6.00 in
Weight	47 lb
Mounting	Flange w/ Splined Shaft
Sensing Element	Strain Gage
Housing Material	Black Oxided Steel
Shaft Material	Steel
Electrical Connector	MS3102A-14S-5P
Torsional Stiffness	94000 in-lb/radian
Rotating Inertia	0.0051 in-lb sec <sup>2</sup>
Maximum Speed	15000 RPM

旋转扭矩传感器(法兰式)

型号	量程	zui大速度	过载能力	抗扭刚度	旋转惯性	温度范围	重量
	(N-m)	RPM		(N-m/rad)	(N-m/s <sup>2</sup> )		kg
4149-01A	2250	8000	3400	418 k	0.007	-54— +77	10.4

4149-02A	2700	4065	452 k
4149-03A	3389.5	225 k	

注:

1. 灵敏度: 2 mV/V
2. 非线性度: 0.1% FS
3. 滞后性: 0.1% FS
4. 非重复性: 0.05% FS
5. 量程 565 N-m 至 3389.5 N-m FS可订购