

LB10 微小单压力传感器

特点和用途/Feature and Applications

- 不锈钢材料，密封焊接，防油防水，耐腐蚀
- 磨合式结构设计，压式承载
- 体积小安装方便，外形美观

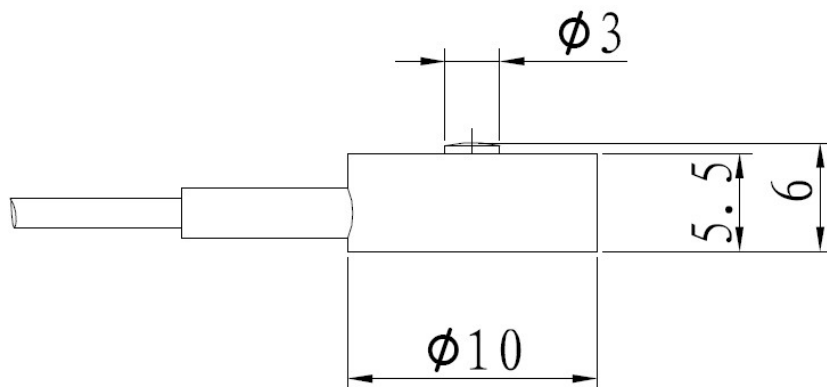
主要应用于按键手感度测试仪，冷热压机压力检测，机器人手抓等安装空间小力检测领域

- Stainless steel, seal by welding, oil and water proof, anticorrosion, button model.
- Small size, easy to install

Application : mainly applied in force measurement in small space such as hot and cold lamination machine, the keyboard button handle teter and machine hand grasp.



量程/Capacity : 1,2,3,5,10,20,30,50,100 kg



规格参数 Specification

输出灵敏度 Rated Output	$1.0 \pm 10\% \text{ mV / V}$	输出电阻 Output Impedance	$350 \pm 5 \Omega$
零点输出 Zero Balance	$\pm 2\% \text{ F.S.}$	绝缘电阻 Insulation	$\geq 5000\text{M}\Omega/100\text{VDC}$
非线性 Non-linearity	$0.5-1\% \text{ F.S}$	使用电压 Recodmmended Excitation	5V
滞后 Hyteresis	$0.5-1\% \text{ F.S}$	最大使用电压 Maximum Excitation	10V
重复性 Repeatability	$0.5-1\% \text{ F.S}$	温度补偿 CompensatedTemp Range	$-10 \sim 60 \text{ }^\circ\text{Ce}$
蠕变 (30分钟) Creep (30min)	$0.5\% \text{ F.S}$	工作温度 Operation Temp Range	$-20 \sim 80 \text{ }^\circ\text{C}$
灵敏温漂 Temp Effect on Output	$0.5\% \text{ F.S. / } 10^\circ\text{C}$	安全超载 Safe Overload	120%
零点温漂 Temp Effect on Zero	$0.5\% \text{ F.S. / } 10^\circ\text{C}$	极限超载 Ultimate Overload	150%
输入电阻 Input Impedance	$350 \pm 5 \Omega$	电缆线尺寸 Cable Size	$\text{Ø } 2 \times 1.5\text{m}$
电缆线连接 Wire Connection	Ex + : Red Ex - : Black; Output + : Green Output - : White(-);		
	输入+: 红; 输入-: 黑; 输出+: 绿; 输出-: 白		