

XJC-910



特点/Feature

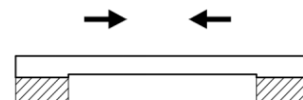
- ★ XJC-910 采用高精度电阻应变式原理
- ★ 可满足 0-1000 $\mu\epsilon$ 范围内的力测量
- ★ 安装方便，只需用螺栓固定
- ★ 防护等级：IP65
- ★ XJC-910 adopts high-precision resistance strain principle
- ★ Meet force measurement in the range of 0-1000 $\mu\text{m/m}$
- ★ Simply bolted into place
- ★ IP65 protection

*外形和量程可根据客户的要求特殊定制
Dimension and capacity can be customized by request.

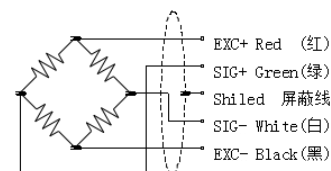
技术参数/Technical specifications

量程 (可选) Capacity (Optional)	200 $\mu\epsilon$, 500 $\mu\epsilon$, 1000 $\mu\epsilon$	材质 Material	不锈钢/Stainless Steel
非线性 Nonlinearity	0.1% F.S.	输出灵敏度 Rated output	1.5~2.0 mV/V
使用电压 Recommended excitation	5V-10VDC	最大使用电压 Maximum excitation	10V DC
防护等级 Protection class	IP65	温度补偿范围 Compensated temp range	-10~40 $^{\circ}\text{C}$
滞后 Hysteresis	0.1% F.S.	工作温度范围 Operating temp range	-20~80 $^{\circ}\text{C}$
重复性 Repeatability	0.1% F.S.	绝缘电阻 Insulation	$\geq 5000\text{M}\Omega/50\text{VDC}$
输入阻抗 Input impedance	1000 \pm 100 Ω	输出阻抗 Output impedance	1000 \pm 100 Ω
蠕变 (30分钟) Creep (30min)	0.1% F.S.	温度灵敏度漂移 Temp effect on output	0.5% F.S./10 $^{\circ}\text{C}$
零点输出 Zero balance	$\pm 2\%$ F.S.	零点温度漂移 Temp effect on zero	0.5% F.S./10 $^{\circ}\text{C}$
安全超载 Safe load limit	150%	极限超载 Ultimate load limit	300%
电缆线尺寸 Cable size	$\Phi 3 \times 2\text{m}$	使用寿命 Life	满量程100万次以上 Full scale more than 1 million times
电缆线连接方式 Cable connection	Ex + : 红 Red; Ex - : 黑 Black; Sig + : 绿 Green; Sig - : 白 White		

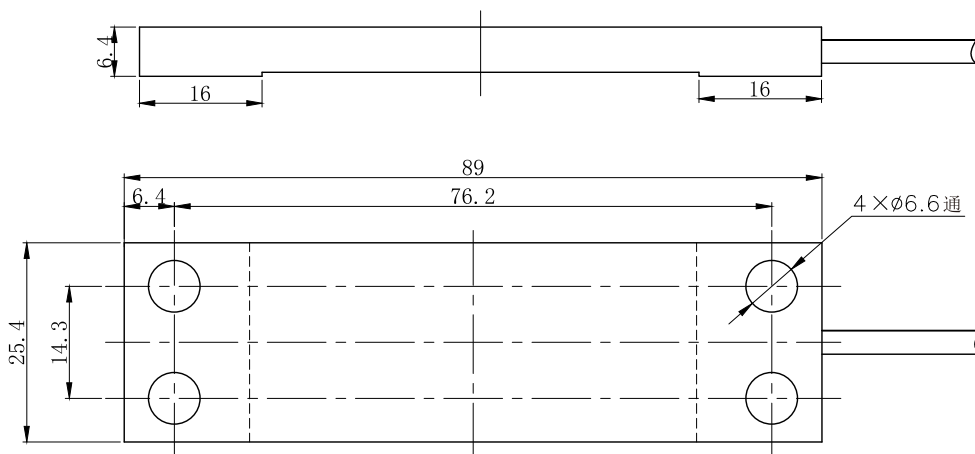
受力方向/Load direction



接线图/Wiring code



平面图/Plan (单位:mm)



主要应用/Applications

用于被测物的动、静载实时应变监控，如起重机，压力机和辊轧机
For monitoring strain in statically and dynamically loaded units such as cranes, presses and rollstands