

微型测力传感器 CPR230

Micro force sensor

特点和用途 / Features & Applications

- ✿ 不锈钢材料微型传感器，采用金属箔式应变片技术
- ✿ 适用于各种小空间的测力，广泛应用于工业、研发等领域的测量和控制

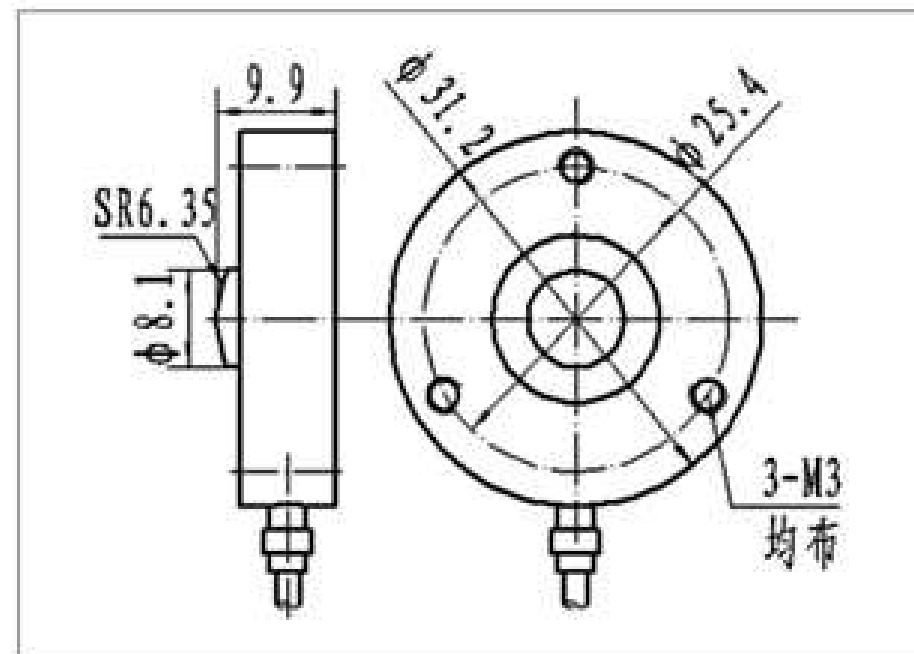
- ② Stainless steel micro sensor using metal foil strain gauge technology.
- ② The utility model is suitable for the measurement of various small spaces, and is widely used in the fields of industry, research and development, etc.



量程/Cap: 45kg,110kg,225kg,340kg,450kg,910kg,1150kg



外形尺寸/ Dimensions



技术参数 / Technical Parameters

量 程 Capacity	0~1.15t	零点输出 Zero balance	$\pm 2 \% \text{ F.S.}$
额定输出 Rated output	$1.5 \pm 10 \% \text{ mV / V}$	零点温漂 Temp.effect on zero	$0.5 \% \text{ F.S. / } 10^{\circ}\text{C}$
非 线 性 Non-linearity	$0.5 \% \text{ F.S.}$	灵敏度温漂 Temp.effect on output	$0.5 \% \text{ F.S. / } 10^{\circ}\text{C}$
滞 后 Hysteresis	$0.5 \% \text{ F.S.}$	输入阻抗 Input impedance	$350 \pm 30 \Omega$
重 复 性 Repeatability	$0.5 \% \text{ F.S.}$	输出阻抗 Out impedance	$350 \pm 5 \Omega$
温度范围 temp range	$-20 \sim 80^{\circ}\text{C}$	绝缘阻抗 Insulation	$\geq 5000 \text{ M}\Omega / 100 \text{ VDC}$
温度补偿范围 Compensated temp range	$-10 \sim 60^{\circ}\text{C}$	安全载荷 Safe overload	$120 \% \text{ F.S.}$
激励电压 Recommended excitation	$5 \sim 10 \text{ V DC/VC}$	最大负载 Ultimate overload	$200 \% \text{ F.S.}$
最大激励电压 Maximum Excitation	10 V DC/VC	防护等级 Protection class	IP60
导 线 Cable	4 芯屏蔽电缆 $\phi 2^* 3\text{m}$ 红(+E) 黑(-E) 绿(+S) 白(-S)		