

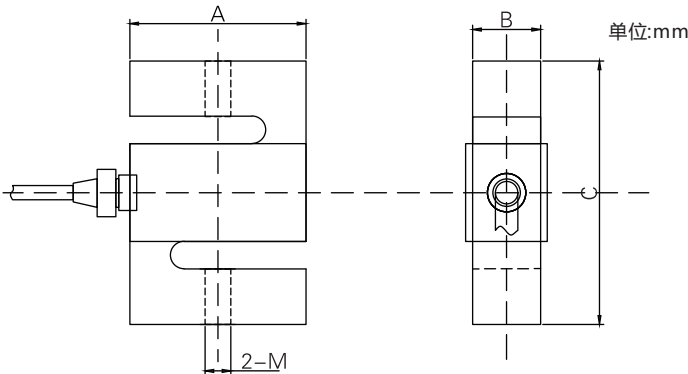
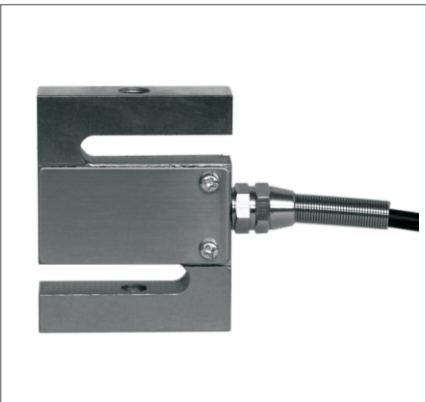
HSC1006 S型测力/称重传感器（HSC1006 S-Shaped Sensor/Weighing Sensor）

- 弹性体为双连孔或剪切S梁结构，结构紧凑
- 用于拉伸力和压缩力测量，抗侧向力强
- 合金钢/不锈钢材质，外形小巧
- 精度高，拉、压输出对称性好，性能稳定可靠
- 满足20T以下力值测量
- 应用于混凝土搅拌站、配料秤、料斗秤、包装秤、材料力学试验机等力值测量领域

型号	使用方式	测量范围(Measurement range)
HSC1006	拉压均可	0~5,10,20,30,50,100,200,300,500KG,1,2,3,5,10,20T
HSC1006	拉压均可	0~50,100,200,300,500N,1,2,3,5,10,20,30,50,100,200KN

主要技术指标(Performance Specification)

- 输出灵敏度(Rated Output) : $2.0 \pm 10\% \text{mV/V}$
- 零点输出(Zero Balance): $\leq \pm 0.03 \text{mV/V}$
- 非线性(Nonlinearity) : $0.05\% \text{F.S.}$
- 滞后(Hysteresis) : $0.03\% \text{F.S.}$
- 重复性(Repeatability) : $0.03\% \text{F.S.}$
- 蠕变30分钟(Creep 30min) : $0.03\% \text{F.S.}$
- 工作温度(Operating Temperature) : $-20 \sim 70^\circ \text{C}$
- 温度补偿范围(Compensated Temperature) : $-10 \sim 60^\circ \text{C}$
- 零点温度影响(Temp Effect On Zero) : $0.02\% \text{F.S./}10^\circ \text{C}$
- 输出温度影响(Temp Effect On Output) : $0.02\% \text{F.S./}10^\circ \text{C}$
- 激励电压(Excitation) : $5-15 \text{VDC}$
- 绝缘电阻(Insulation Resistance) : $\geq 5000 \text{M}\Omega/100 \text{VDC}$
- 输入电阻(Input Resistance) : $380 \pm 10 \Omega$
- 输出电阻(Output Resistance) : $350 \pm 5 \Omega$
- 安全过载(Safe overload) : $150\% \text{F.S.}$
- 极限过载(Ultimate overload) : $200\% \text{F.S.}$
- 材质(Material) : 合金钢/不锈钢
- 电缆尺寸(Cable size) : $\Phi 5 \times 3 \text{m}$
- 接线定义(Connection definition) : Exc+:红red
Exc-:黑Black Sig+:绿Green Sig-:白White



量程	A	B	C	M
5,10,20,30,50,100KG	51	12.7	64	M8*1.25
100,200,300,500KG	51	19.1	76	M12*1.75
1T	51	25.4	76	M12*1.75
2,3,5T	76	25.4	108	M20*2.5
10T	127	51	178	M30*3.5
20T	140	60	188	M36*3.0