

CL-053双剪梁式称重传感器

Double Shear Beam Weight Sensor

两端支撑、中间受力的桥式结构形式，使大吨位传感器进入了高精度、高可靠性的计量领域。传力组件采用压头、钢球结构，可自动复位和调心，抗侧向力和抗冲击性能好。经过良好的防潮密封，适应恶劣工作环境。安装方便，互换性好。可用于制造各种电子汽车衡、电子轨道衡、料斗秤及各种专用电子衡器，实用于重量、力值测量的各个领域。

Bridge type structure with two ends supporting and intermediate force make the large-tonnage sensors into the metrology field with high precision and high reliability. Adopting a pressure head and a steel ball structure, the force transmission component can automatically reset and adjust the heart with anti lateral force and good impact resistance. After a good seal, it can adapt to bad working environment ,be easy installation, and good interchangeability. The product can be used for manufacturing various electronic truck scales, electronic track scales, hopper scales and various special electronic weighing instruments, and it is applicable to various fields of weight and force measurement.

双剪梁式称重传感器技术参数
Double shear beam weight sensor

额定载荷 rated load	吨	10, 15, 20, 25, 30, 50
额定输出 rated output	mV/V	2
不重复性 non-reproducibility	%F.S	0.02
滞后 hysteresis	%F.S	0.02
非线性 nonlinearity	%F.S	0.02
蠕变 (30分钟) creep (30min)	%F.S	0.02
零点输出 zero output	%F.S	1
温度补偿范围 temperature compensation range	℃	-20 — +55
使用温度范围 working temperature range	℃	-30 — +100
输出温度系数 output temperature coefficient	F.S/℃	≤0.0020
零点温度系数 Zero temperature coefficient	F.S/℃	≤0.0020
输入阻抗 input impedance	Ω	800
输出阻抗 output impedance	Ω	700
推荐激励电压 Recommended excitation voltage	V	6-15(DC/AC)
最大激励电压 MAX. excitation voltage	V	20(DC/AC)
绝缘电阻 insulation resistance	MΩ	≥5000
安全过载 Safe Load Limit%F.S	%F.S	150
极限超载 Ultimate overload	%F.S	200
连接电缆(4芯屏蔽) connecting cable(4core shield)	mm	Φ6 × 13000(10A-Φ6 × 9000)