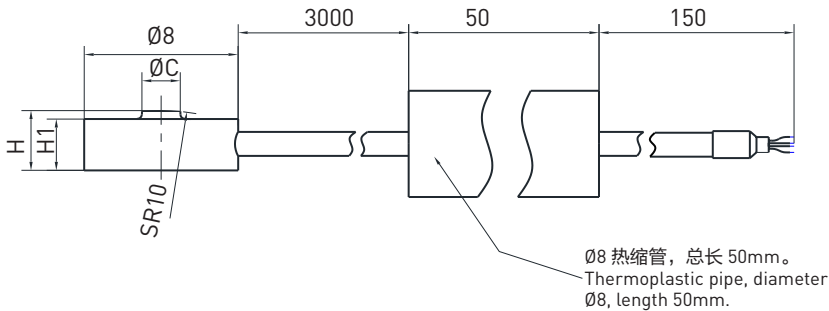


压式结构传感器

tec
sis
F1860



尺寸及量程 / Size and Capacity



SIZE (mm)	C	H	H1	材料 / Material	重量 / Weight
CAP (kg)					
3/5/10	2	3.5	3	不锈钢 / Stainless steel	0.01kg
20/30	2.5	5.5	5		



技术参数 / Technical Parameters

参数	Specifications	技术指标/Technique
输出灵敏度	Rated output	0.5~1.0 mV / V(3~5kg) 1.0~1.5 mV / V(10~30kg)
非线性	Non-linearity	1~3% F.S.
滞后	Hysteresis	1~3% F.S.
重复性	Repeatability	1~3% F.S.
温度灵敏度漂移	Temp. effect on output	0.5% F.S./10℃
零点温度漂移	Temp. effect on zero	0.5% F.S./10℃
输入电阻	Input impedance	350 ± 10 Ω
输出电阻	Output impedance	350 ± 3 Ω
绝缘电阻	Insulation	≥2000M Ω / 100VDC
激励电压	Recommended excitation	5V
最大激励电压	Maximum excitation	12V
温度补偿范围	Compensated temp. range	-10 ~ 60℃
工作温度范围	Operation temp. range	-20 ~ 80℃
安全超载	Safe overload	120% F.S.
极限超载	Ultimate overload	150% F.S.
电缆线尺寸	Cable size	Ø2 × 3200 mm
防护等级	Protection class	IP64
连接方式	Cable color code	Input: Red(+) Black(-); Output: Green(+) White(-); 输入: 红 (+) 黑 (-); 输出: 绿 (+) 白 (-);

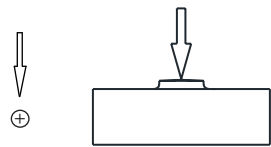


特点和用途 / Features & Applications

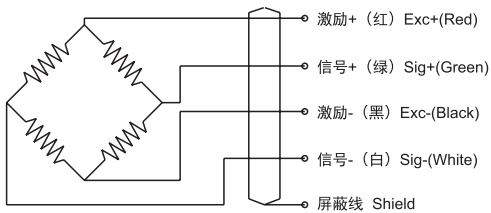
- 微型传感器，外形小巧
- 不锈钢材料
- 可定制，IP64
- 传感器外部装有一可调电阻
- 适用于各种小空间的测力，广泛应用于工业、研发等领域的测量和控制
- Miniature load cell, low profile
- Made of stainless steel
- Customizable, IP64 protection
- An adjustable resistance outside the load cell for zero adjustment
- Suitable for force measurement in limited spaces. Widely used for industrial measurement and control, R&D and other applications



受力方式 / Load Direction



接线图 / Schematic Wiring Diagram



注：屏蔽线不与弹性体相连。
Note: Cable shield is not connected to element.