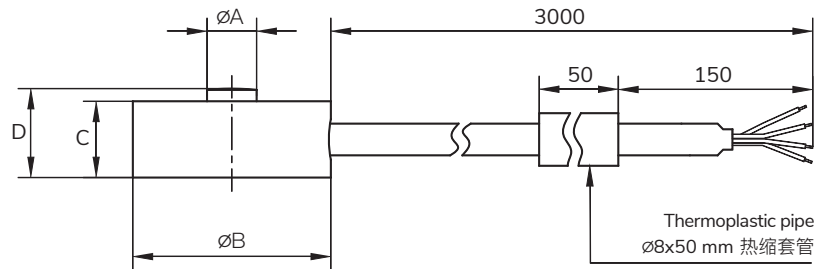




DIMENSIONS / 尺寸

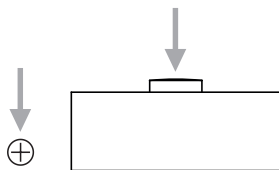


FEATURES & APPLICATIONS / 特点和用途

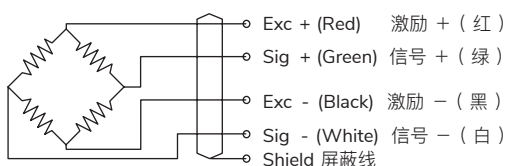
- Compression Type
- Low Deflection / Fast Response
- Subminiature / Light Weight
- Adjustable Resistance For Zero Adjustment
- Suitable For Force Measurement In Limited Spaces
- Widely Used For Industrial Measurement And Control

- 压式传感器
- 低挠度/响应速度快
- 超小型/重量轻
- 传感器外部有一可调电阻，用于调零
- 适用于小空间内的测力
- 广泛用于工业测量和控制

LOAD DIRECTION / 受力方向



SCHEMATIC WIRING DIAGRAM / 接线图



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

CAPACITIES / 量程

CAP (Kg)	SIZE (mm)	ØA	ØB	C	D
3/5/10		2	8	3	3.5
20/30		2.5	8	5	5.5

SPECIFICATIONS 详细描述

TECHNIQUE / 技术指标

PERFORMANCE	产品性能	
Non-Linearity	非线性	±1 ~ 3% of RO
Hysteresis	滞后	±1 ~ 3% of RO
Repeatability	重复性	±1 ~ 3% of RO
ELECTRICAL	电气特性	
Rated Output	输出灵敏度	0.5 ~ 1.0 mV/V (3 ~ 5Kg)
		1.0 ~ 1.5 mV/V (10 ~ 30Kg)
Recommended Excitation	激励电压	5 VDC
Maximum Excitation	最大激励电压	12 VDC
Input Impedance	输入电阻	350 ± 10 Ω
Output Impedance	输出电阻	350 ± 5 Ω
Insulation	绝缘电阻	≥2000 MΩ / 100 VDC
Cable Color Code	连接方式	Input/输入: Red / 红 (E+) Black / 黑 (E-) Output/输出: Green / 绿 (S+) White / 白 (S-)
MECHANICAL	机械特性	
Weight	产品重量	0.1Kg
Safe Overload	安全超载	120% of RO
Ultimate Overload	极限超载	150% of RO
Material	材料	Stainless Steel / 不锈钢
Cable Size	电缆线尺寸	Ø2 x 3000 mm
IP Rating	防护等级	IP64
TEMPERATURE	温度特性	
Operating Temperature	工作温度范围	-20 ~ 80°C
Compensated Temp. Range	温度补偿范围	-10 ~ 60°C
Temp. Effect On Output	温度灵敏度漂移	±0.5% of RO/10°C
Temp. Effect On Zero	零点温度漂移	±0.5% of RO/10°C
CONFORMITY	遵循	
RoHS		2011/65/EU
CE		2014/35/EU