

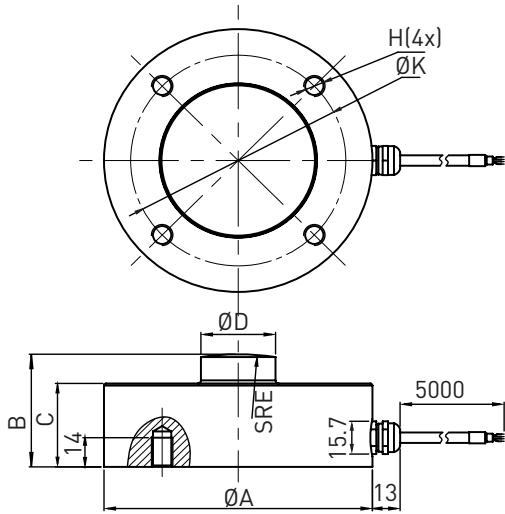
压式结构传感器

tec sis

F1811



尺寸及量程 / Size and Capacity



SIZE(mm)	A	B	C	D	E	K	H	材料 / Material	重量 / Weight
CAP (kg)									
250/500/1000/ 2000/3000/ 5000/10000	82	44	32	22	50	68	M8	不锈钢 Stainless steel	1.2kg
15000/20000	100	48	36	28	100	80	M8		1.6kg
30000	126	54	40	35	100	101	M10		3.2kg
50000/100000	165	80	62	60	150	144	M10		8.6kg



技术参数 / Technical Parameters

参数	Specifications	技术指标/Technique
输出灵敏度	Rated output	1.5 ± 10 %mV/V
零点输出	Zero balance	± 2% F.S.
非线性	Non-linearity	0.1% F.S.
滞后	Hysteresis	0.1% F.S.
重复性	Repeatability	0.1% F.S.
蠕变 (30分钟)	Creep (30min)	0.1% F.S.
温度灵敏度漂移	Temp. effect on output	0.05% F.S. / 10°C
零点温度漂移	Temp. effect on zero	0.05% F.S. / 10°C
输入电阻	Input impedance	750 ± 10 Ω
输出电阻	Output impedance	700 ± 5 Ω
绝缘电阻	Insulation	≥5000MΩ / 100VDC
激励电压	Recommended excitation	10V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp. range	-10 ~ 60°C
工作温度范围	Operation temp. range	-20 ~ 80°C
安全超载	Safe overload	150% F.S.
极限超载	Ultimate overload	200% F.S.
电缆线尺寸	Cable size	Ø5 × 5000 mm
防护等级	Protection class	IP67
连接方式	Cable color code	Input: Red(+) Black(-); Output: Green(+) White(-); 输入: 红 (+) 黑 (-); 输出: 绿 (+) 白 (-);



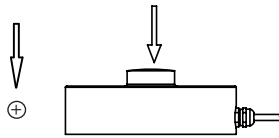
特点和用途 / Features & Applications

- 低轮廓称重传感器，盘式设计
- 采用不锈钢材料，具有全焊接不锈钢密封罩。
- 防护等级为 IP67，具有防水、防潮功能
- 结构紧凑，易于安装，应用广泛，用于压装机械，轴承的装配机械、轮轴识别

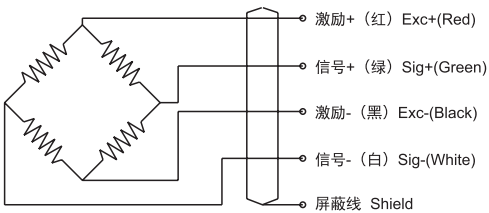
- Low profile pancake load cell
- Made of Stainless steel, fully welded seal with stainless steel cover
- IP67, it is waterproof and moisture-proof
- Compact structure, easy to install
- Various applications such as pressing machine, bearing assembly machine, axle wheel identifying



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.