

NF101

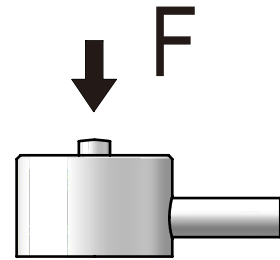
单点式压力传感器
Single Point Load cell



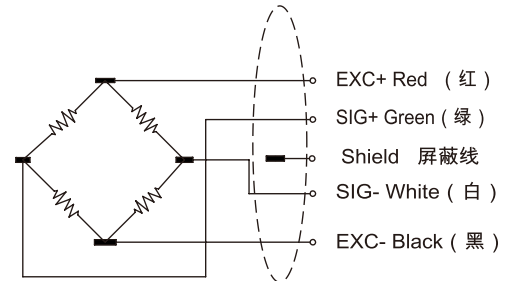
技术参数/Technical specifications

参数	Specifications	技术指标/Technique
额定量程	Capacity	100,200,500N
输出灵敏度	Reted output	1.0±20% mV/V
零点输出	Zero Balance	±1%F.S.
蠕变	Creep (30min)	≤0.5%F.S.
非线性	Non-linearity	≤0.5%F.S.
滞后	Hysteresis	≤0.5%F.S.
重复性	Repeatability	≤0.5%F.S.
输入电阻	Input impedance	600~800Ω
输出电阻	Output impedance	600~800Ω
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
绝缘电阻	Insulation resistance	≥5000MΩ/100V(DC)
激励电压	Recommended excitation	5~10V
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	Operating Temp Range	-20~80°C
安全过载	Safe overload	150%F.S.
极限过载	Ultimate overload	200%F.S.
电缆线尺寸	Cable size	∅ 2x3000mm
产品重量	Weight	0.02kg
材料	Material	不锈钢

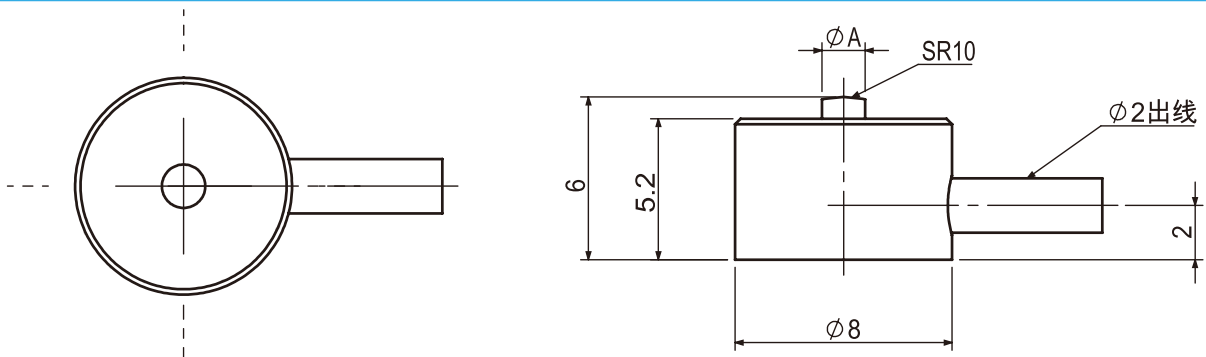
● 受力方向/Loae Direction



● 配线图/Wiring Code



安装尺寸/Mounting Dimension



Capacity(N)	A
20,50,100,200	1.6
500	2.3