

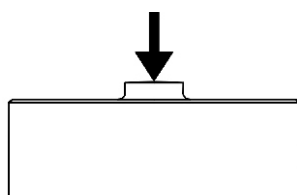
TS120



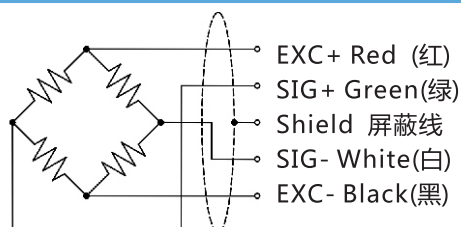
特点与用途 Features & Applications

- 高度低，变形量小，外形尺寸小
- 不锈钢材料，精度高
- 防护等级：IP68，防护等级高，可用于室外或恶劣环境
- 汽车压装、自动化组装、3C产品测试、新能源产品组装、医疗检测、机器人领域，模具组装及其他工业测试、测量及控制系统
- 动态响应频率高
- Low profile, small deflection and mini dimension
- Made of stainless steel with high accuracy
- ,IP68 protection, good protection would be used for outdoor or harsh environments
- Suitable for Automotive press fit, automated assembly, 3C products testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing and control system
- High dynamic response frequency

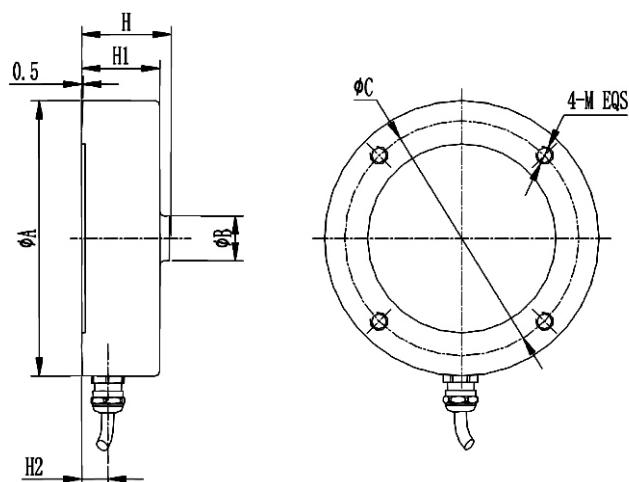
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



Cap (kN)	A	B	C	H	H1	H2	M
25	65	10	54.2	25	21	9	M5deep8
50	110	20	95	35	30	14	M6deep12
100	125	20	105	40	35	14	M6deep12
250	135	32	115	60	50	14	M12deep20
500	175	45	145	65	53	14	M12deep20

参数	Specifications	技术指标/Technique
额定容量	Capacity	25, 50, 100, 250, 500kN
输出灵敏度	Rated output	2.0±1% mV/V
零点输出	Zero balance	±0.05 mV/V
非线性	Non-linearity	0.05% F.S.
滞后	Hysteresis	0.03% F.S.
重复性	Repeatability	0.02% F.S.
蠕变 (30min)	Creep(30min)	0.02% F.S.
温度灵敏度漂移	Temp.effect on output	0.03% F.S./10°C
零点温度漂移	Temp.effect on zero	0.03% F.S./10°C
输入电阻	Input impedance	385/780±20Ω
输出电阻	Output impedance	350/700±10Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5~15V
最大激励电压	Maximum excitation	20V
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	Φ5×5m (25~100kN) Φ5×10m (250~500kN)
材料	Material	Stainless Steel
防护等级	IP Class	IP68