

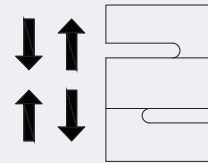
规格参数 Specifications

量程	Capacity	0 ~ 10, 20, 30, 50, 75, 100, 200, 250kg, 300, 500, 750kg, 1, 1.5, 2, 2.5, 3, 5t
材质	Material	合金钢/不锈钢 Alloy Steel /Stainless Steel
输出灵敏度	Rated Output	2.0 / 3.0 ± 10% mV/V
零点输出	Zero Balance	± 2% F.S.
非线性	Non-linearity	± 0.03% F.S.
滞后	Hysteresis	± 0.03% F.S.
重复性	Repeatability	± 0.03% F.S.
蠕变 (30分钟)	Creep (30min)	± 0.03% 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
输入阻抗	Input Impedance	385 ± 10Ω
输出阻抗	Output Impedance	350 ± 5Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
使用电压	Recommended Excitation	3 ~ 10V
工作温度范围	Operating Temp. Range	- 20 ~ 80 °C
补偿温度范围	Compensated Temp. Range	- 10 ~ 60 °C
安全过载	Safe Overload	150%
极限过载	Maximum Overload	200%
电缆线规格	Cable Specifications	Ø 5 x 3m
防护等级	Protection Class	IP65
TEDS 可选	TEDS Available	

LFS-06



受力方向 Load Direction



产品尺寸 Product Dimension

量程 Capacity	A	B	C	D	M
0 ~ 10/20/30/50/75kg	63.5	50.8	12.7	19.1	M8 X 1.25 (1/4 - 28)
100/200/250/300/500kg	76.2	50.8	19.1	25.4	M12 X 1.75 (1/2 - 20)
750/1000/1500kg	76.2	50.8	25.4	25.4	M12 X 1.75 (1/2 - 20)
2000/2500/3000/5000kg	108	76.2	25.4	25.4	M18 X 1.5 (3/4 - 16)

安装方式 Installation Mode

■ 螺纹安装 Screw Mounted

两端螺丝固定的扭入深度不要接触中间梁面部位 (即传感器的应变区域)
The fixing depth of screws at both ends shall not contact the middle beam part (the strain area of sensor)

传感器接线示意图 Wiring Diagram

