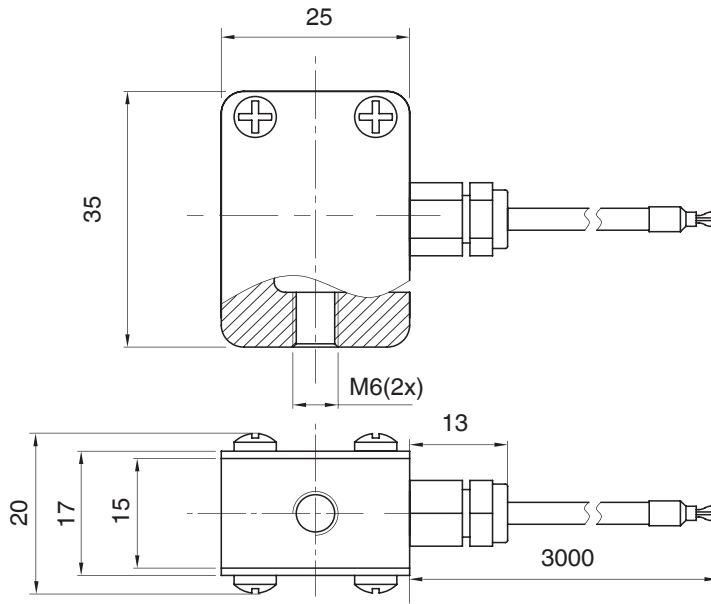


F2807

尺寸及量程 / Size and Capacity



量程 /Capacity (N)	材料 /Material	重量 /Weight
10/20/30/50/100/150/200/500	铝合金 / Aluminum alloy	0.1kg
50/100/150/200/500	合金钢 / Alloy steel	0.1kg

技术参数 / Technical Parameters

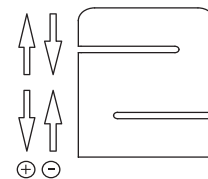
参数	Specifications	技术指标/Technique
输出灵敏度	Rated output	2.0 ± 0.2mV/V
零点输出	Zero balance	± 2% F.S.
非线性	Non-linearity	±0.05% F.S.
滞后	Hysteresis	±0.05% F.S.
重复性	Repeatability	±0.05% F.S.
蠕变 (30分钟)	Creep (30min)	±0.05% F.S.
灵敏度温度漂移	Temp. effect on output	±0.025% F.S. / 10°C
零点温度漂移	Temp. effect on zero	±0.025% F.S. / 10°C
输入电阻	Input impedance	410±10Ω (Aluminium alloy) 385±10Ω (Alloy steel)
输出电阻	Output impedance	350 ± 5 Ω
绝缘电阻	Insulation	≥5000MΩ
激励电压	Recommended excitation	5...10VDC
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp. range	-10...40 °C
工作温度范围	Operation temp. range	铝合金Alu.: -20...65°C 合金钢A.S.: -20...80°C
安全超载	Safe overload	120% F.S.
极限超载	Ultimate overload	200% F.S.
电缆线尺寸	Cable size	∅ 3×3000 mm
防护等级	Protection class	IP65
连接方式	Cable color code	Input: Red(+) Black(-); Output: Green(+) White(-); 输入: 红 (+) 黑 (-); 输出: 绿 (+) 白 (-);



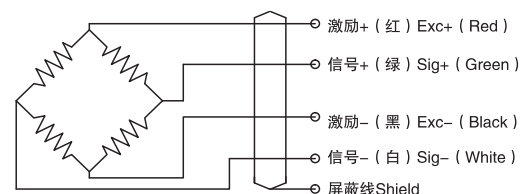
特点和用途 / Features & Applications

- 拉压双向
- 铝合金或合金钢材料
- IP65, 使用环境需要干燥和耐腐蚀
- 用于手持推拉力计、电脑手机等按键、开关的弹力测试、吊钩秤、其他测力或者力值计量使用
- Tension and compression application
- Made of anodized aluminum alloy or alloy steel
- IP65, suitable for dry and non-corrosion environment
- Mainly used for pull and push dynamometer, hopper scale and industrial measuring systems

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.