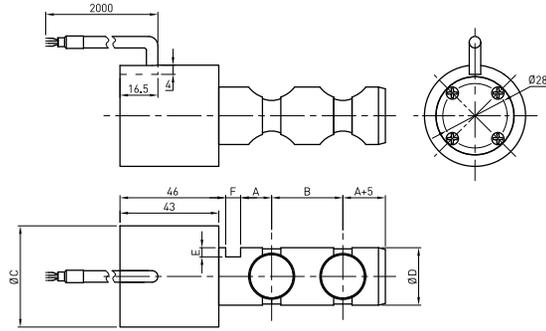


F5803



尺寸及量程 / Size and Capacity



量程 / Capacity	材料 / Material	重量 / Weight
0.5/1/2	13.5 31 44 25 4.5 6.5	0.7kg
3/5	18 47 44 35 6 6.5	1.0kg
10	27 66 50 50 7 8.5	2.3kg
20	32.5 90 65 65 9.5 8.5	5.0kg
30	40 100 75 75 10.5 10.5	8.0kg
50	49 117 85 85 12.5 10.5	11.0kg

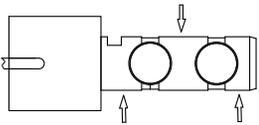
技术参数 / Technical Parameters

参数	Specifications	技术指标/Technique
输出灵敏度	Rated output	1.0±10% mV / V
零点输出	Zero balance	±1% F.S.
非线性	Non-linearity	0.5% F.S.
滞后	Hysteresis	0.3% F.S.
重复性	Repeatability	0.3% 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	350±10Ω 780±10Ω (Option)
输出电阻	Output impedance	350±5Ω 700±5Ω (Option)
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	200% F.S.
极限超载	Ultimate overload	300% F.S.
电缆线尺寸	Cable size	Ø5 × 2000mm
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 (-)

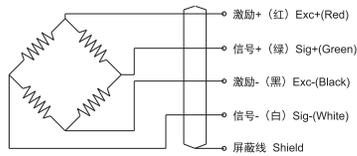
特点和用途 / Features & Applications

- 不锈钢材料
- 长期稳定性好, IP67
- 可取代现有的转轴, 便于安装
- 适用于港口、码头货物计量及启闭机、起吊设备的安全检测
- Made of stainless steel
- Long term stability, IP 67 protection
- Used as replacement for existing shafts
- Used for ports, terminals and cargo cranes as well as hoist, lifting equipment and safety testing applications

受力方式 / Load Direction



接线图 / Schematic Wiring Diagram

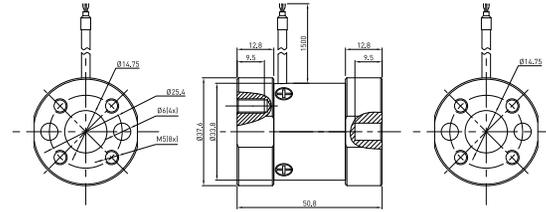


注: 屏蔽线不与弹性体相连。
Note: Cable shield is not connected to the body.

F9801



尺寸及量程 / Size and Capacity



量程 / Capacity	材料 / Material	重量 / Weight
1/2/3/5/6/10/20/30/50/100/150Nm	铝合金/Aluminum alloy	0.2kg

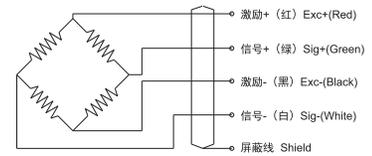
技术参数 / Technical Parameters

参数	Specifications	技术指标/Technique
输出灵敏度	Rated output	2.0 ± 10% mV / V
零点输出	Zero balance	± 2% F.S.
非线性	Non-linearity	0.25% F.S.
滞后	Hysteresis	0.25% 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	410 ± 10Ω
输出电阻	Output impedance	350 ± 5Ω
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	120% F.S.
极限超载	Ultimate overload	150% F.S.
电缆线尺寸	Cable size	Ø 3 × 1500mm
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

- 静态扭矩传感器
- 铝合金材料
- 结构紧凑, 便于安装
- 防护等级: IP65
- 适用于静态、非连续旋转的扭矩力值测量
- Static torque sensor
- Made of aluminum alloy
- Compact structure, easy to install
- IP65 protection
- Used for static, non-continuous rotational torque force measurement

接线图 / Schematic Wiring Diagram



注: 屏蔽线不与弹性体相连。
Note: Cable shield is not connected to the body.