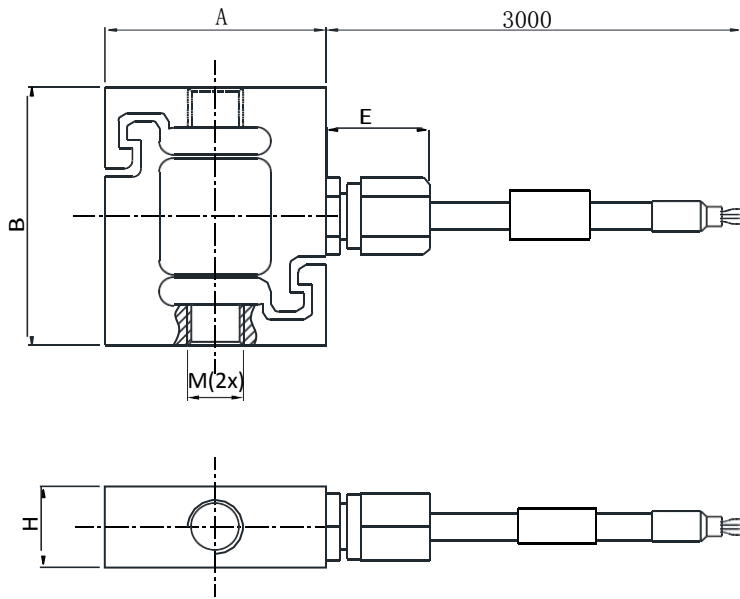


Tension and compression load cell_ZHSH02



尺寸及量程 / Size and Capacity



| CAP (N) | SIZE(mm) | M | H | A | B | E | 材料/Material | 重量/Weight |
|-----------------------|----------|----|----|----|------|-----|-----------------------|-----------|
| 5/10/20 | | M3 | 6 | 16 | 19.1 | 7.5 | 不锈钢 / Stainless steel | 0.1kg |
| 50/100/200/300/500 | | M4 | 6 | 16 | 19.1 | 13 | | |
| 250/300/500/1000/2000 | | M8 | 14 | 26 | 40 | 13 | | |

注：M3、M4 的传感器，导线为 Ø2，配 M4 压线螺母
M8 的传感器，导线为 Ø3，配 M6 压线螺母

Note: The cable will be Ø2 for M3、M4 load cell, equipped with M4 compression nut
The cable will be Ø3 for M8 load cell, equipped with M6 compression nut



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 | 0.15% F. S. |
| 滞后 | Hysteresis | 0.1% F. S. |
| 重复性 | Repeatability | 0.1% F. S. |
| 蠕变 (30分钟) | Creep (30min) | 0.1% F. S. |
| 输入电阻 | Input impedance | 350 ± 30 Ω |
| 输出电阻 | Output impedance | 350 ± 5 Ω |
| 绝缘电阻 | Insulation | 5000MΩ / 100VDC |
| 激励电压 | Recommended excitation | 5V |
| 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 | 150% F. S. |
| 极限超载 | Ultimate overload | 300% F. S. |
| 电缆线尺寸 | Cable size | Ø2×3000mm |
| 防护等级 | Protection class | IP66 |
| 连接方式 | Cable color code | Input: Red(+) Black(-); Output: Green(+) White(-); 输入：红 (+) 黑 (-) ; 输出：绿 (+) 白 (-) ; |

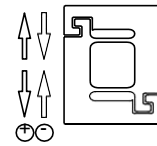


特点和用途 / Features & Applications

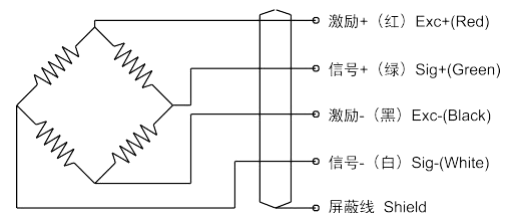
- 微型传感器，高度低
- 拉压双向，装有可调电阻
- 不锈钢或者合金钢材料
- 带过载保护，IP66
- 主要用于推拉力计、插拔力测试仪、铆钉机、焊接机、贴膜机等
- Miniature load cell, low profile, ultra compact build size
- Tension and compression application
- Made of stainless steel or alloy steel
- Integrated over load protection, IP66
- Mainly used for pull and push dynamometer, tension and compression testing instruments, riveting machine, welding machine, lamination machine



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.