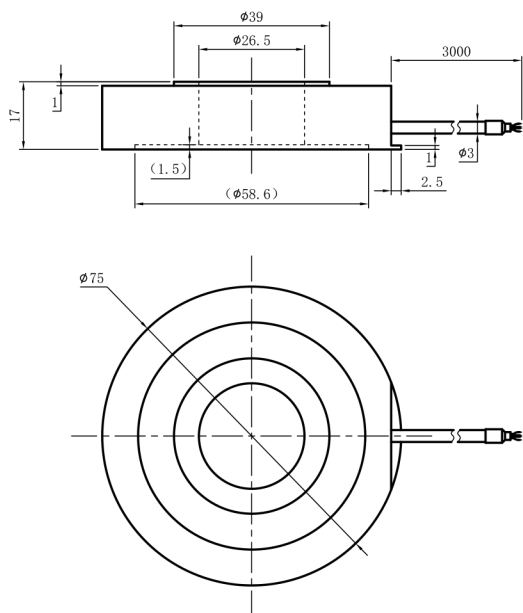


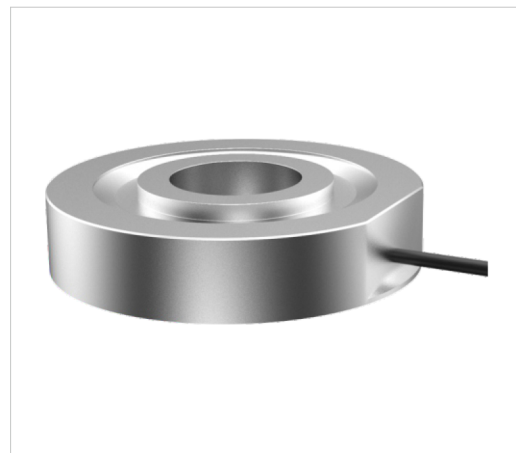
## ZHSA22 压式结构传感器

## ■ 尺寸及量程



## ■ 技术参数

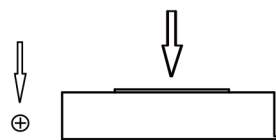
| 参数       | Specifications          | 技术指标/Technique                                                                        |
|----------|-------------------------|---------------------------------------------------------------------------------------|
| 量程       | Capacity                | 5t                                                                                    |
| 输出灵敏度    | Rated output            | 2.5±10% mV/V                                                                          |
| 零点输出     | Zero balance            | ±2% F.S.                                                                              |
| 非线性      | Non-linearity           | ±0.5% F.S.                                                                            |
| 滞后       | Hysteresis              | ±0.5% F.S.                                                                            |
| 重复性      | Repeatability           | 0.2% F.S.                                                                             |
| 蠕变(30分钟) | Creep(30min)            | ±0.2% 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         | 350~450Ω                                                                              |
| 输出电阻     | Output impedance        | 350±5Ω                                                                                |
| 绝缘电阻     | Insulation              | ≥5000MΩ / 100VDC                                                                      |
| 使用电压     | Recommended excitation  | 5V                                                                                    |
| 最大使用电压   | Maximum excitation      | 7V                                                                                    |
| 温度补偿范围   | Compensated temp. range | -10~40°C                                                                              |
| 工作温度范围   | Operation temp range    | -20~60°C                                                                              |
| 安全超载     | Safe over load          | 150% F.S.                                                                             |
| 极限超载     | Ultimate overload       | 200% F.S.                                                                             |
| 电缆线尺寸    | Cable size              | Φ3×3000mm                                                                             |
| 防护等级     | Protection class        | IP67                                                                                  |
| 材料       | Material                | Stainless steel                                                                       |
| 连接方式     | Cable color code        | Input:Red(+) Black(-);<br>Output:Green(+) White(-);<br>输入:红(+) 黑(-);<br>输出:绿(+) 白(-)。 |



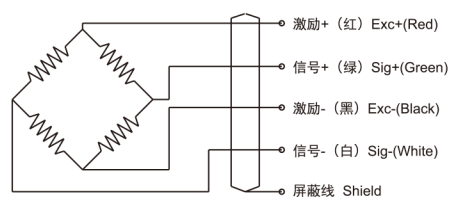
## ■ 特点与用途

- 不锈钢材料
- 体积小、性能稳定可靠
- 广泛应用于治具、机械设备、自动化设备、机器人、科研等领域。
- Made of stainless steel
- Compact appearance, stable and reliable performance
- Various applications in fixture mechanical equipment, automation industry and other fields

## ■ 受力方式



## ■ 接线图



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