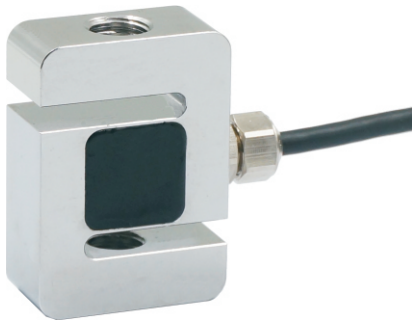


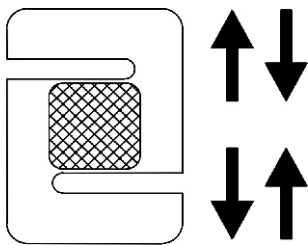
TS318



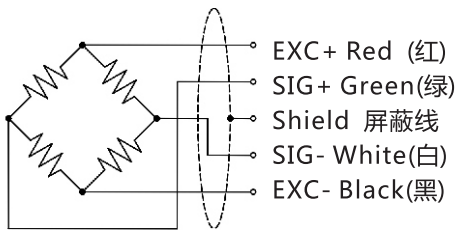
特点与用途 Features & Applications

- 高度低，变形量小
  - 不锈钢材料
  - 拉压双向
  - 焊接力测试及张力测试
  - 汽车压装、自动化组装、3C产品测试、新能源产品组装、医疗检测、机器人领域，模具组装及其他工业测试、测量及控制系统
  - 动态响应频率高
- Low profile and small deformation
  - Made of Stainless Steel
  - Test for welding force and tension
  - automotive press fit, automated assembly, 3C products testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing and control system
  - High dynamic response frequency

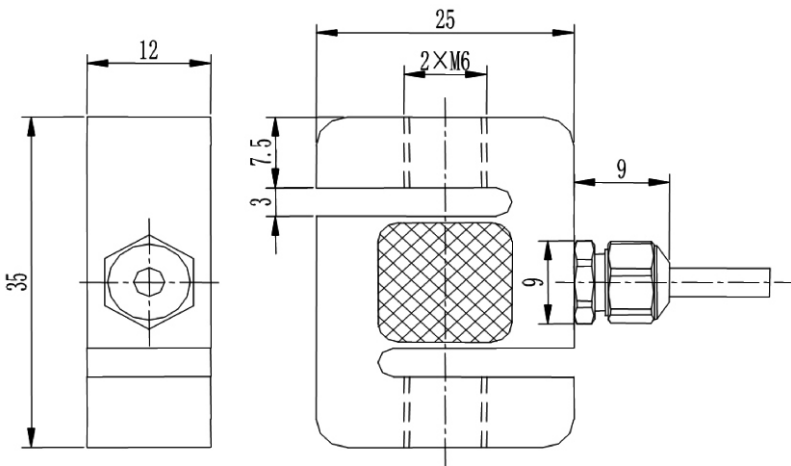
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



| 参数           | Specifications         | 技术指标/Technique            |
|--------------|------------------------|---------------------------|
| 额定容量         | Capacity               | 50,100,200,500,1000N      |
| 输出灵敏度        | Rated output           | 2.0±10% $mV/V$            |
| 零点输出         | Zero balance           | ± 0.05 $mV/V$             |
| 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 ( 30min ) | Creep(30min)           | 0.05% $F.S.$              |
| 温度灵敏度漂移      | Temp.effect on output  | 0.025% $F.S./10^{\circ}C$ |
| 零点温度漂移       | Temp.effect on zero    | 0.025% $F.S./10^{\circ}C$ |
| 输入电阻         | Input impedance        | 385±20 $\Omega$           |
| 输出电阻         | Output impedance       | 350±10 $\Omega$           |
| 绝缘电阻         | Insulation             | ≥5000 $M\Omega/100VDC$    |
| 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 $^{\circ}C$        |
| 工作温度范围       | Operation temp range   | -20~80 $^{\circ}C$        |
| 安全超载         | Safe overload          | 150% $F.S.$               |
| 极限超载         | Ultimate overload      | 200% $F.S.$               |
| 电缆线尺寸        | Cable size             | Φ3×4000mm                 |
| 单件重量         | Weight approx.         | 0.1kg                     |
| 材料           | Material               | Stainless Steel           |
| 防护等级         | IP Class               | IP66                      |