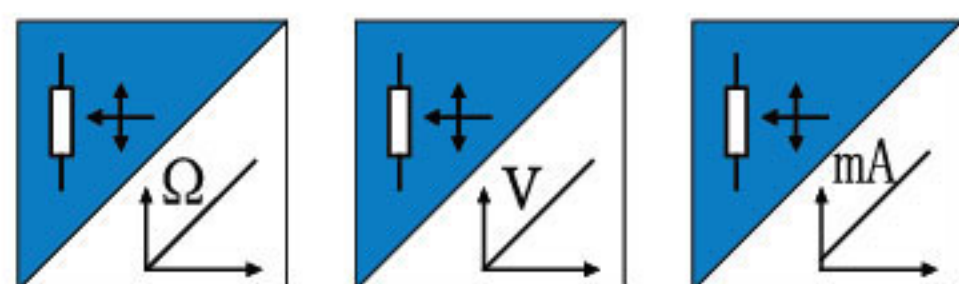


NS-WY09系列 拉线式位移传感器

- 应用于航空，工业机械和自动化生产线，工程车辆等领域
- 体积小，安装使用方便
- 精度高，综合精度可达0.25% F.S
- 高分辨率，移动平滑，抗干扰能力强
- 防护等级：IP64
- 使用寿命：1000万次或5年
- 模拟量输出：0~10V,4~20mA, 电位器

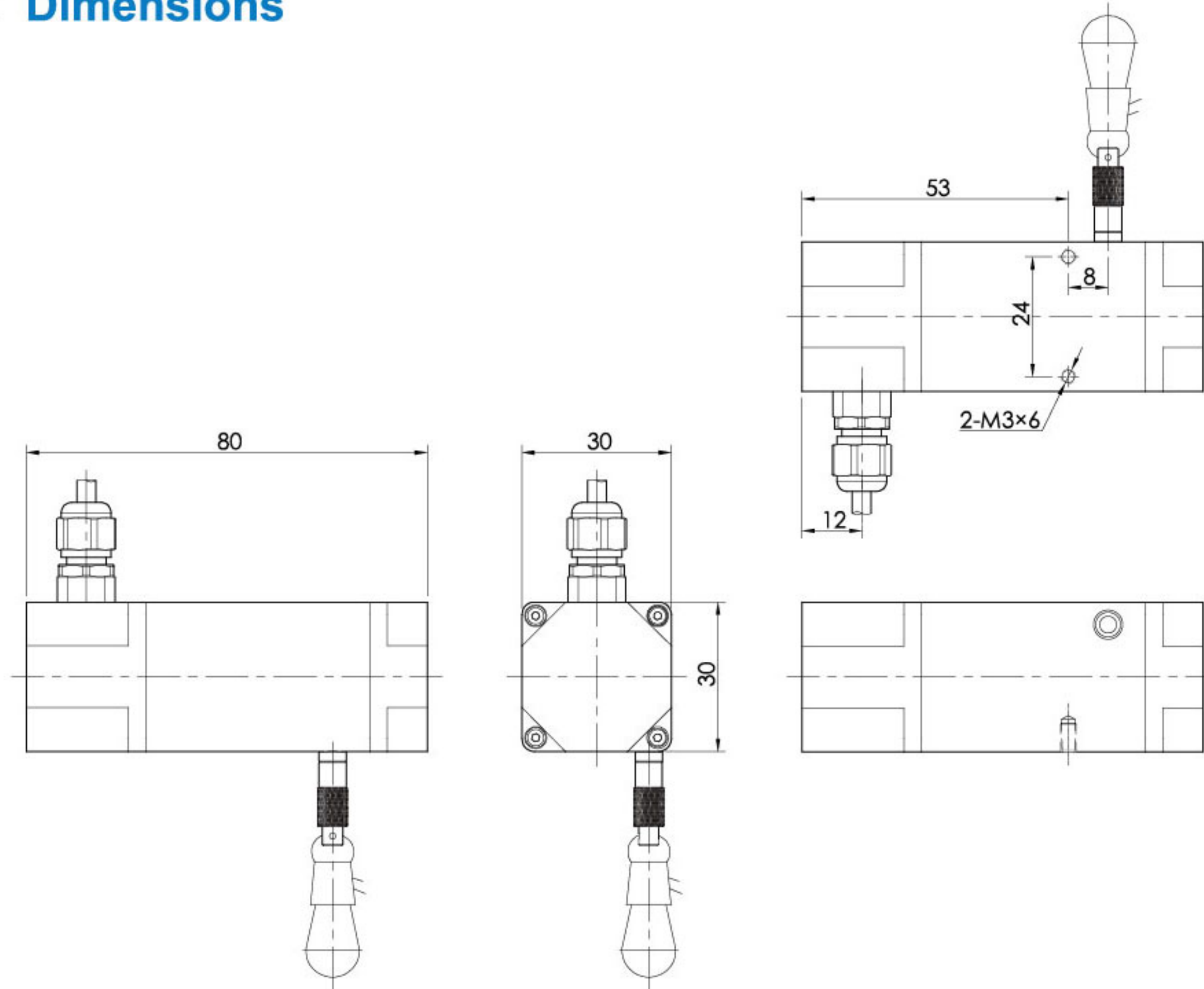


技术参数 Technique parameter

| 参数 | Specifications | 技术指标 Technique data |
|------|------------------------|---------------------------------|
| 线性行程 | Stroke length | 0~100...200...300...400...500mm |
| 综合精度 | Comprehensive accuracy | ±0.25%F.S, ±0.5%F.S |
| 分辨率 | Resolution | 0.03mm |
| 出线方式 | Output wire | 2wires/3wires |
| 输出信号 | Output signal | 4~20mA, 0~5V, 0~10V, 编码器, 电阻 |
| 工作电压 | Operating voltage | 12~32VDC |
| 工作温度 | Operating temperature | -30~85℃ |
| 抗振性能 | Vibration proof | 10g(5...2000 Hz) |
| 耐冲击性 | Strike proof | 50g(11 ms) |
| 位移速度 | Displacement speed | ≤0.7m/s |
| 绝缘阻抗 | Insulation resistance | ≥100MΩ (50VDC) |
| 电气连接 | Electrical connection | 直接出线 |
| 外壳材质 | Material | 铝合金 Aluminium alloy |
| 防护等级 | IP protection | IP54 |

| 钢丝张力 | 量程 (mm) | 最大拉出张力 (N) | 最小回收张力 (N) |
|------|---------|------------|------------|
| 20℃ | 100 | 4.5 | 2.0 |
| | 125 | 4.6 | 2.4 |
| | 200 | 7.8 | 2.5 |
| | 300 | 5.5 | 2.5 |
| | 400 | 6.0 | 3.2 |
| | 500 | 6.5 | 3.4 |

外形尺寸图 Dimensions



选型表 Model code:

| NS- | 商标 | | | | | | | | | | | | | | | | | |
|-----|------------------------------|--|----|------|----|-----------------------------|----|------------------------------|----|-------|----|-------|----|--------|---|----|---|------|
| | 型号 | 产品名称 | | | | | | | | | | | | | | | | |
| | WY09 | 拉线式位移变送器 | | | | | | | | | | | | | | | | |
| | - X | X: 线性行程 单位为: mm 例: 200mm, 500mm | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>代码</th> <th>综合精度</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>±0.25%F.S</td> </tr> <tr> <td>50</td> <td>±0.50%F.S</td> </tr> </tbody> </table> | 代码 | 综合精度 | 25 | ±0.25%F.S | 50 | ±0.50%F.S | | | | | | | | | | |
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| 代码 | 输出信号 | | | | | | | | | | | | | | | | | |
| I | 4~20mA | | | | | | | | | | | | | | | | | |
| V1 | 0~5V | | | | | | | | | | | | | | | | | |
| V2 | 0~10V | | | | | | | | | | | | | | | | | |
| V3 | 0~±5V | | | | | | | | | | | | | | | | | |
| V4 | 0~±10V | | | | | | | | | | | | | | | | | |
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| | | <table border="1"> <thead> <tr> <th>代码</th> <th>工作电压</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>12VDC</td> </tr> <tr> <td>24</td> <td>24VDC</td> </tr> <tr> <td>T</td> <td>特殊规格</td> </tr> </tbody> </table> | 代码 | 工作电压 | 12 | 12VDC | 24 | 24VDC | T | 特殊规格 | | | | | | | | |
| 代码 | 工作电压 | | | | | | | | | | | | | | | | | |
| 12 | 12VDC | | | | | | | | | | | | | | | | | |
| 24 | 24VDC | | | | | | | | | | | | | | | | | |
| T | 特殊规格 | | | | | | | | | | | | | | | | | |
| NS- | WY09 | - 200mm 25 L I 24 ← 选型举例 | | | | | | | | | | | | | | | | |

