

# NS-5/15E 倾角传感器

单轴倾角传感器

- 单轴倾角传感器
- 模拟电压输出



## 产品说明

E系列为单轴倾角传感器，采用带有支持信号处理的厚膜电路。同时可针对客户具体应用采用多种连接。而且，精度和灵敏度可改进，零点可调。传感器元件和混合电路密封在陶瓷外壳中，用户很容易安装使用。

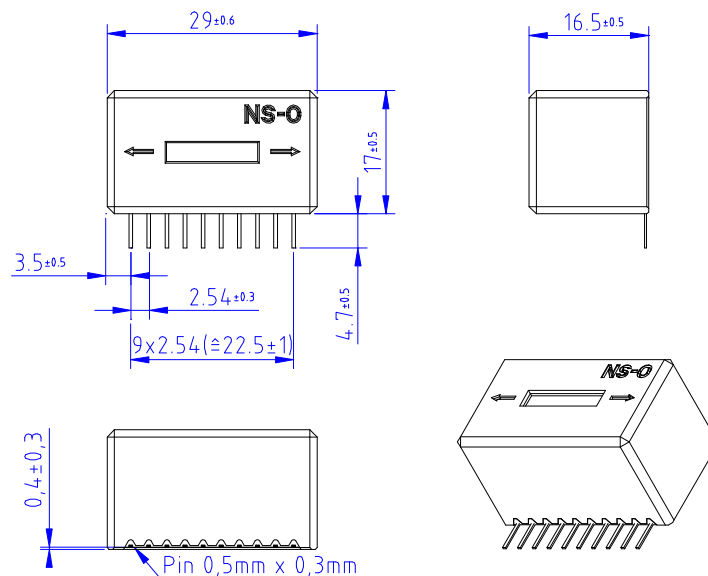
## 特点

- 高精度
- 重量轻
- 高分辨率
- 容易使用
- 焊接连接
- 小尺寸

## 应用

- 水平平台
- 道路工程机械
- 建筑控制
- 称重系统
- 移动和固定起重机

## 产品尺寸



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## 电气性能

|         | 条件        | 最小值      | 典型值          | 最大值     | 单位    |
|---------|-----------|----------|--------------|---------|-------|
| 量程(1)   |           | -5 (-15) |              | +5(+15) | °     |
| 重复性     |           |          | 0.02         |         | °     |
| 精度(绝对)  | +/- 5°    |          | 0.5          |         | %     |
| 精度(绝对)  | +/- 10°   |          | 1.5          |         | %     |
| 对称误差    |           |          | 0.5          |         | °     |
| 零点偏移(2) |           |          | 0.5          |         | °     |
| 响应时间    | t90       |          | 1            |         | s     |
| 零点温度系数  |           |          | 0.5          |         | m° /K |
| 灵敏度温度系数 |           |          | 6.5          |         | m° /K |
| 输出信号    | NS-5/E    | -3       |              | +3      | V     |
| 输出信号    | NS-15/E   | -1.5     |              | +1.5    | V     |
| 供电电流    |           |          | 5            |         | mA    |
| 供电电压    |           | 6.5      |              | 24      | VDC   |
| 工作温度    |           | -25      |              | +85     |       |
| 储存温度    |           | -40      |              | +85     |       |
| 重量      |           |          | 20           |         | g     |
| 尺寸      | W x D x H |          | 29 x 17 x 16 |         | mm    |

1. 测量量程： $\pm 5^\circ$ ， $\pm 15^\circ$
2. 外部校正需电压计

## 产品选型

| 产品编号      | 产品型号    | 描述   |
|-----------|---------|--|
| G-NSE-001 | NS-5/E  | 量程： $\pm 5^\circ$ Vcc 6.5 ~ 24VDC, 输出： $\pm 3V$    |
| G-NSE-013 | NS-15/E | 量程： $\pm 15^\circ$ Vcc 6.5 ~ 24VDC, 输出： $\pm 1.5V$ |

## 联系方式

| 中国   | 北美   | 欧洲   |
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| 北京赛斯维测控技术有限公司<br>北京市朝阳区望京西路48号<br>金隅国际C座1002<br>电话：+86 010 8477 5646<br>传真：+86 010 5894 9029<br>邮箱： <a href="mailto:sales@sensorway.cn">sales@sensorway.cn</a> | Measurement Specialties Inc.<br>1000 Lucas Way<br>Hampton, VA 23666<br>Tel: 1-757-766-1500<br>Fax: 1-757-766-4297<br>Sales: <a href="mailto:sales.hampton@meas-spec.com">sales.hampton@meas-spec.com</a> | MEAS Europe<br>105 av. Du General Eisenhower<br>BP 23705, 31037 Toulouse, Cedex 1, France<br>Tel: +33 561-194-824<br>Fax: +33 561-194-553<br>Sales: <a href="mailto:humidity.cs@meas-spec.com">humidity.cs@meas-spec.com</a> |

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