

- 双轴倾角传感器
- 量程： $\pm 5^\circ$ ， $\pm 15^\circ$ ， $\pm 30^\circ$
- 数字或模拟输出



## 产品说明

MEAS公司最新推出的D系列传导式倾角传感器采用最新的SMD技术，以及坚固耐用的铝质外壳组装而成。该产品的防护等级达到IP67，可以应用于较恶劣的工作环境。

通过采用最新研发的带有线性化补偿及温度补偿功能的微处理芯片，从而使该倾角传感器具有超高的精度及较宽的工作温度范围。

D系列倾角传感器具有模拟、数字或者开关量输出方式，并具有 $\pm 5^\circ$ ， $\pm 15^\circ$ ， $\pm 30^\circ$ 三种测量范围可供选择。该倾角传感器可以通过软件包进行编程，包括对其波特率、传输速度及零点进行任意调整。

D系列倾角传感器满足所有电磁兼容性标准及冲击振动标准。

## 特点

- 高精度
- 坚固外壳封装
- 高分辨率
- EMC保护
- CE认证
- IP67防护等级
- 坚固电气接头
- 数字编程可降低振动和冲击影响

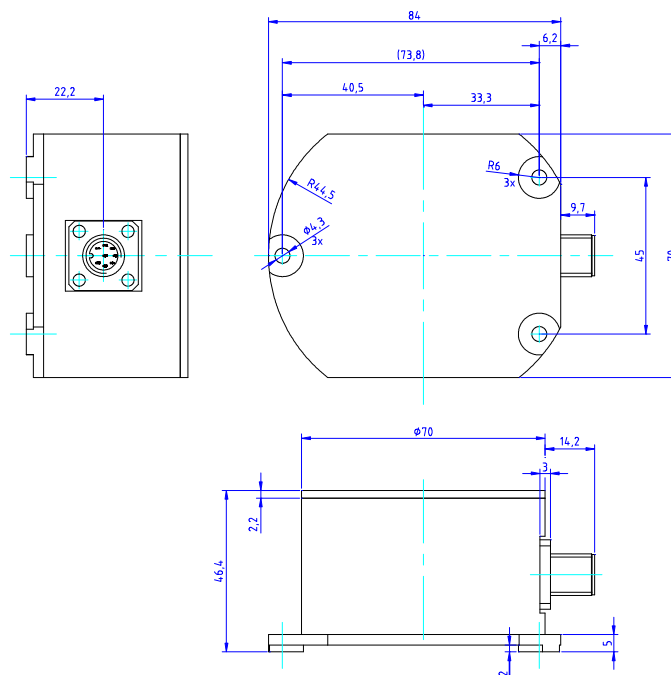
## 应用

- 楼宇建筑
- 道路工程机械
- 风力发电厂
- 称重系统
- 移动或固定起重机

## 电气性能

条件	最小值	典型值	最大值	单位
量程	-5 (-15, -30)		+5 (+15, +30)	°
分辨率	0.001			°
精度-数字, 模拟(绝对) Ta= 25		0.04		°
精度-数字, 模拟(绝对) Ta= -40 ~ 85		0.15	(0.3, 0.8)	°
温度漂移 Ta= -40 ~ 85		0.06		°
传输速度	0.1	10	16	Hz
波特率		9.6		kB
频率响应		2	3	Hz
噪音		0.001		°
供电电流		30	40	mA
供电电压	10		30	
工作温度	-40		+85	
储存温度 W x D x H	-40		+85	
重量		290		g
产品尺寸	84 x 70 x 46			mm

## 产品尺寸



### 产品选型

产品编号	产品型号	描述
G-NSDMG-015	NS-5/DMG2-U	Range +/-5°,Vcc 10...30VDC,output RS232,voltage
G-NSDMG-017	NS-5/DMG2-I	Range +/-5°,Vcc 10...30VDC,output RS232,current
G-NSDMG-014	NS-5/DMG2-PWM	Range +/-5°,Vcc 10...30VDC,output RS232,PWM
G-NSDMG-016	NS-5/DMG2-S	Range +/-5°,Vcc 10...30VDC,output RS232,switch
G-NSDMG-019	NS-15/DMG2-U	Range +/-5°,Vcc 10...30VDC,output RS232,voltage
G-NSDMG-021	NS-15/DMG2-I	Range +/-5°,Vcc 10...30VDC,output RS232,current
G-NSDMG-018	NS-15/DMG2-PWM	Range +/-5°,Vcc 10...30VDC,output RS232,PWM
G-NSDMG-020	NS-15/DMG2-S	Range +/-5°,Vcc 10...30VDC,output RS232,switch
G-NSDMG-023	NS-30/DMG2-U	Range +/-5°,Vcc 10...30VDC,output RS232,voltage
G-NSDMG-025	NS-30/DMG2-I	Range +/-5°,Vcc 10...30VDC,output RS232,current
G-NSDMG-022	NS-30/DMG2-PWM	Range +/-5°,Vcc 10...30VDC,output RS232,PWM
G-NSDMG-024	NS-30/DMG2-S	Range +/-5°,Vcc 10...30VDC,output RS232,switch
G-NSMIS-008	connection	2 m cable, straight connector 763-series
G-NSMIS-009	connection	2 m cable, angle 90° connector 763-series

### 联系方式

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