LWG200
长度传感器

产品简介

WIKA 长度角度传感器 LWG200 由长度检测单元和角度检测单元组成，可以实现长度和倾角的测量。

该系列长度角度传感器适用于伸缩机构的长度测量和变幅机构的倾角测量，如起重机二节臂测长、伸缩式高空作业车以及支腿测长等应用。

产品特点

- 测量范围最长 15m，非接触式霍尔测长机构
- 工作温度范围区间内误差补偿
- 长度分辨率最高 0.1mm, 倾角分辨率最高 0.01°
- 倾角支持震动滤波抑制
- 支持冗余扩展，故障诊断，符合 PLd 架构
- 三段式独立密封腔体，防护等级 IP67
- CE 认证

Order Code

LWG200-050360-130-Na/CANopen

LWG200-100360-130-Na/ CANopen

LWG200-150360-130-Na/ CANopen

技术规格

产品型号	LWG200-050360-130-Na	LWG200-100360-130-Na	LWG200-150360-130-Na
工作电压	10~36V DC		
信号类型	CANopen/4-20mA		
支持最大伸缩速率	1m/s		
长度测量范围	0~5m	0~10m	0~15m
长度测量精度	±0.5%FS		
长度测量重复性误差	±0.1%FS		
角度测量范围	-180°~+180°		
角度测量精度	±0.3°		
角度测量温度漂移	±0.01 °/°C		
电气连接	Male Flange Connector M12, 5-Pin		
壳体材料	Aluminum + PC		
防护等级	IP66/IP67		
振动/冲击	acc. to IEC 60068-2-27/ IEC 60068-2-64		
EMC	acc. to IEC 61000-6-2 / IEC61000-6-4		

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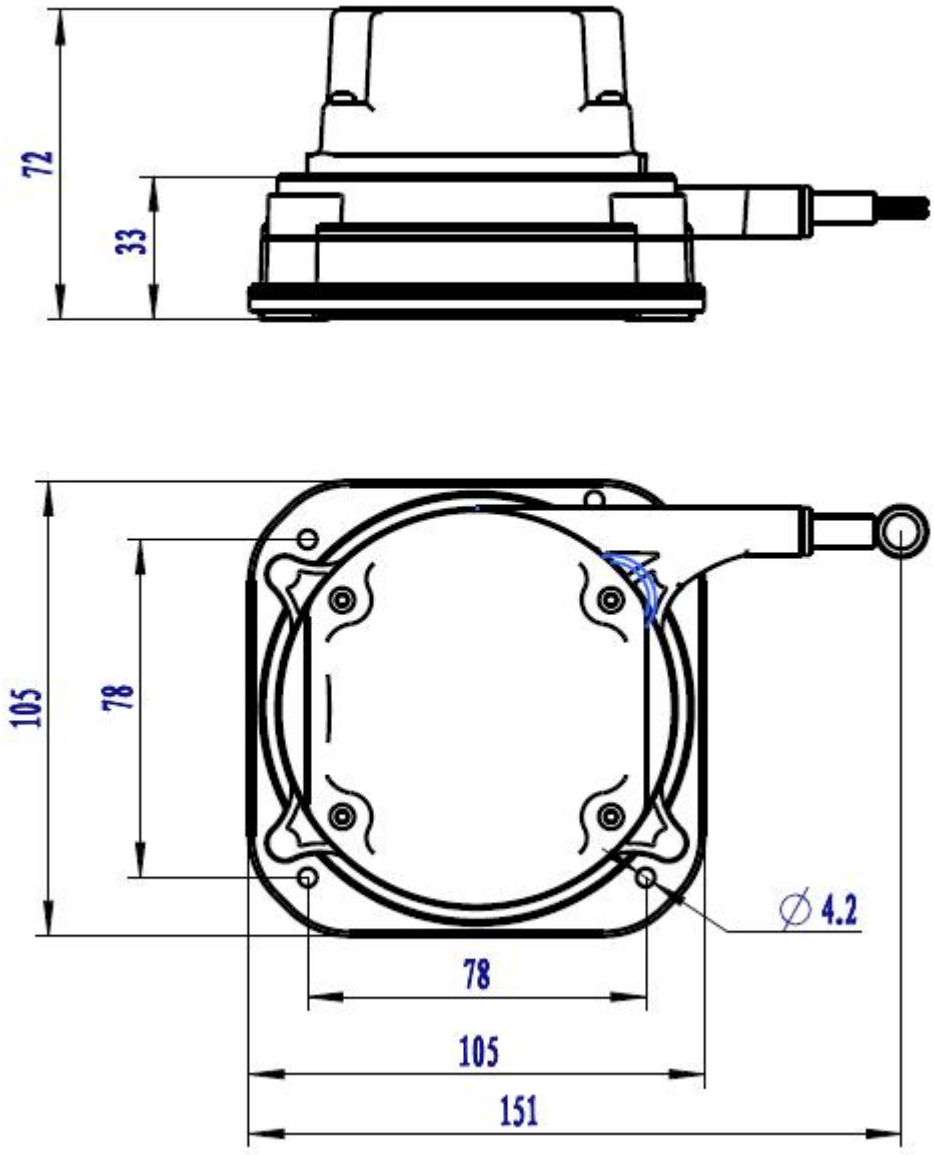
安装尺寸

LWG200-050360-130-Na



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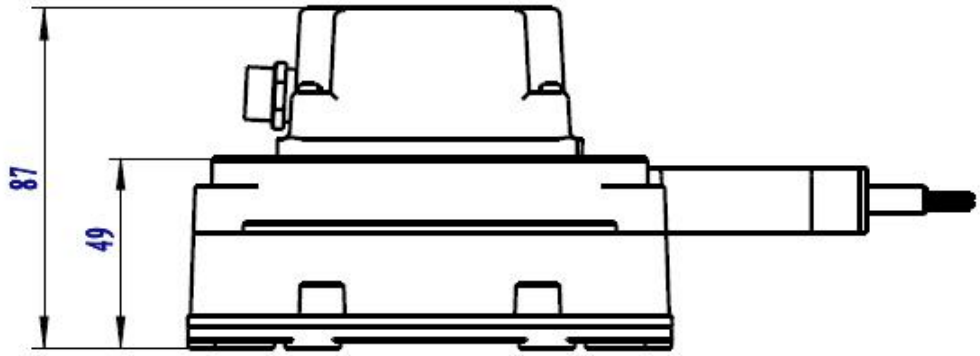

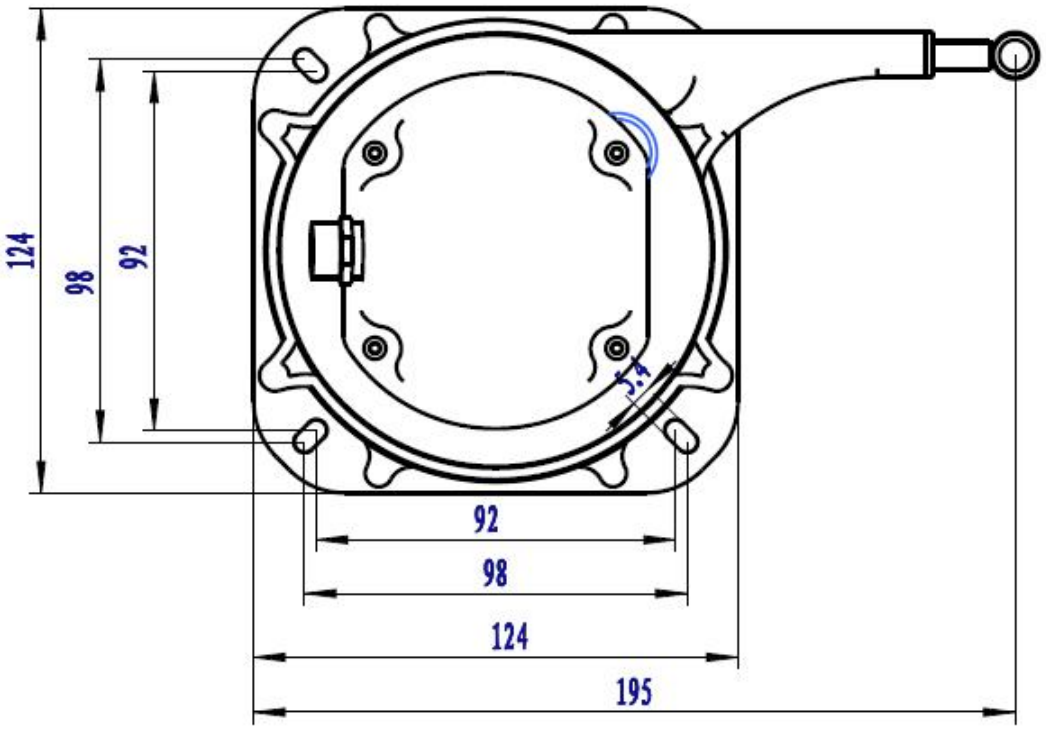

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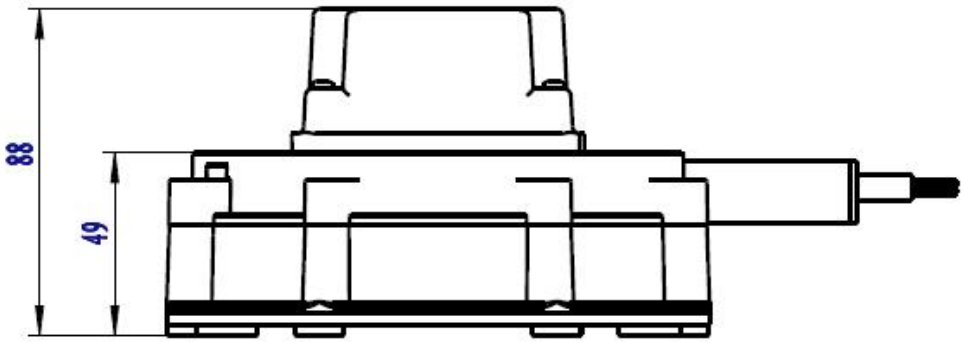

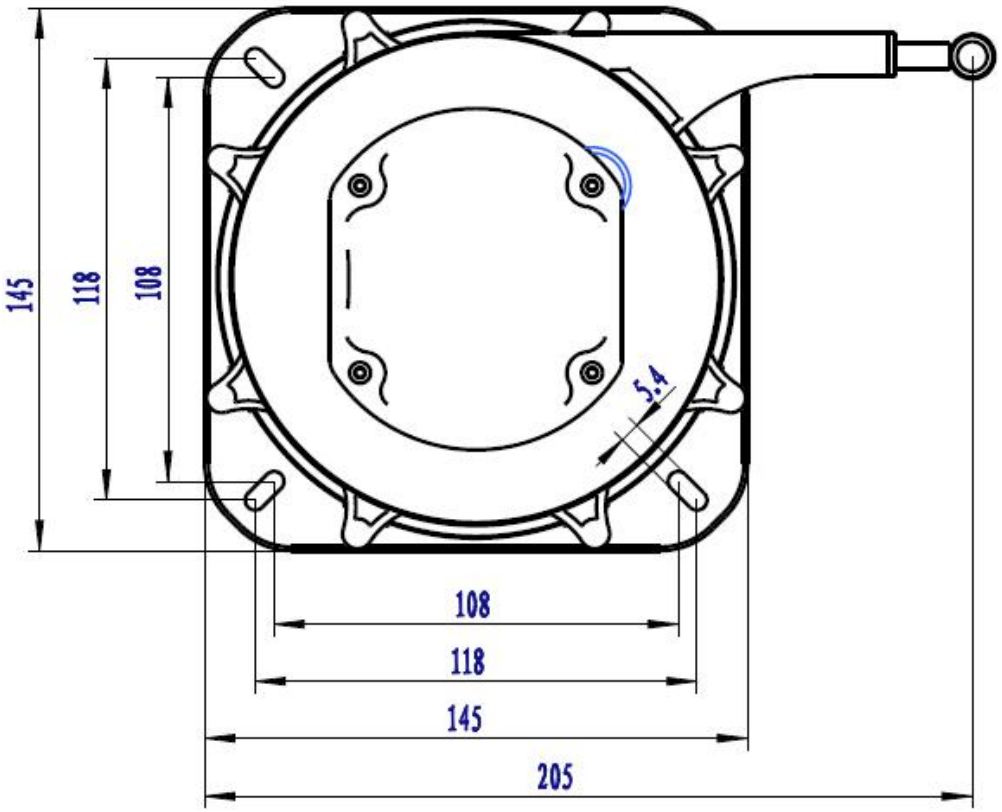

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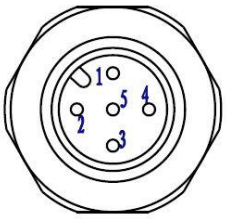
管脚定义

M12×5 Pin	管脚序号	功能
	1	屏蔽
	2	供电
	3	地
	4	CAN_H
	5	CAN_L

产品型号说明

LWG 200 - 005 360 - 1 3 0 - Na

Product Code
LWG: Length Angle Sensor

Series Code
200: 200 Series

Length Measurement Range
050: 5.0m

Inclination Angle
360: -180°~+180°

Output
1: Single Redundant outputs

Communication
3: CANOpen

Measuring wire Configuration
AISI304 steel wire Nylon coated

Other Symbols
Na: No other symbols

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