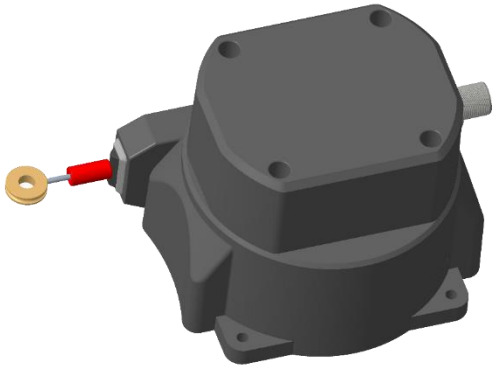
产品概述/Product Description

无论是工程机械设备还是试验测试设备，位移传感器都是非常适合用于方便、精确的线性距离测量。尽管测量距离长，我们的拉绳传感器却采用紧凑设计，因此其安装工作量较传统产品更少，凭借坚固的零部件，拉绳传感器能够在恶劣环境中可靠运行，且维护工作量低。产品具有如下优势：采用紧凑和模块化设计、测量长度可达 35m、输出信号 CANopen 和 4~20mA 电流型可选、丰富的安装附件，实现最优的可靠安装。

Whether it is construction machinery equipment or test equipment, displacement sensor is very suitable for convenient and accurate linear distance measurement.Despite the long measurement distance, the compact design of our drawstring sensors allows for less installation than traditional products. With robust components, drawstring sensors operate reliably in harsh environments with low maintenance.The product has the following advantages: compact and modular design, measuring length up to 35m, output signal CANopen and 4~20mA current type optional, abundant installation accessories, to achieve the optimal reliable installation.

LG05M 长度传感器/LG05Mlinear traducer



产品特点 Product Features

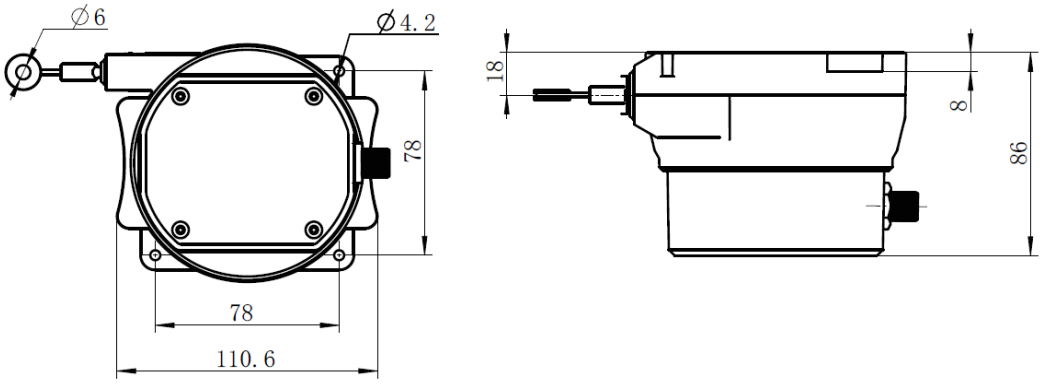
- 增加温度补偿功能，支持全温区补偿；Increase the temperature compensation function, support the whole temperature zone compensation;
- 采用进口包塑钢丝绳，柔软性更好；The use of imported plastic-coated steel wire rope, better softness;
- 采用两腔体设计，产品外形更小；Two-cavity design, smaller product shape;
- 冗余设计，满足搭建安全系统架构的需求；Redundancy design to meet the needs of building security system architecture;
- 优化壳体和机构设计，具有更强的抗振动冲击和抗干扰性能；It has stronger anti-vibration impact and anti-interference performance
- 防护等级可达 IP67；The protection level can reach IP67

技术参数 Technical Parameter

机械参数/mechanical parameter

描述/Description	技术参数/technical parameters
最大拉伸速度/Maximum tensile velocity	1m/s
最大测量长度/Maximum measured length	5m
工作温度/operating temperature	-40~+85℃
测长线类型/Length measurement cable type	钢丝绳/wirerope
壳体材质/shell material	ABS+PC
振动/vibrational frequency	30g ,10-2000Hz
冲击/Impact resistance class	500g ,1ms
防护等级/protection level	IP67

电气参数/electric parameter

描述/Description	技术参数/technical parameters
供电范围/power supply range	9~36DVC
测长度精度/measuring accuracy	±0.3%FS
信号输出/output signal	CANopen/4~20mA
EMC 抗干扰/EMC anti-interference	DIN EN 61000-6-2
EMC 发射干扰/EMC emission interference	DIN EN 61000-6-4

产品安装 Product Installation