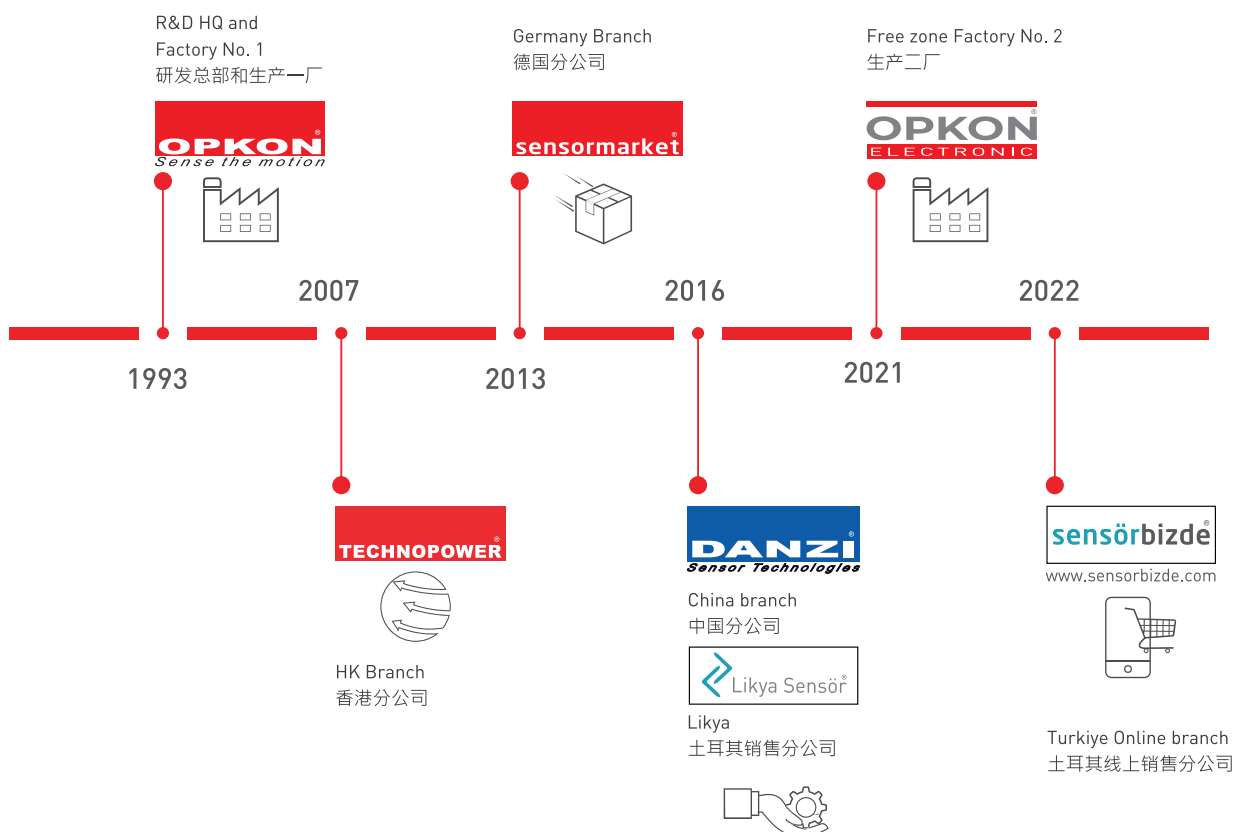


ABOUT OPKON

OPKON Optik Elektronik A.S. was established in İstanbul in 1993 to produce high-quality position sensors for the machine manufacturing industry and the general automation sector. We offer our customers advanced technology products and solutions with our expert and experienced engineering team. OPKON's R&D and manufacturing facilities are located in İstanbul at 4000 sqm production area with 128 experienced engineers and technicians. Main products are non-contact magnetostrictive sensors, linear potentiometric transducers, rotary potentiometers, draw wire sensors, linear encoders, rotary encoders and panel type measurement & control devices. OPKON provides worldwide international sales, service and support with subsidiary offices in Germany and China as well as 88 distribution partners in more than 40 countries. Thus, OPKON can fastly deliver directly from stock. OPKON pursues its international development by designing, manufacturing, and servicing high-tech products where the quality of its expertise makes all the difference. OPKON's policy is to meet the expectations of the customers' technical needs with agile solutions and quality products through cost-efficient production with on-time deliveries. In doing so, we attach great importance to occupational health, safety and environmental protection.

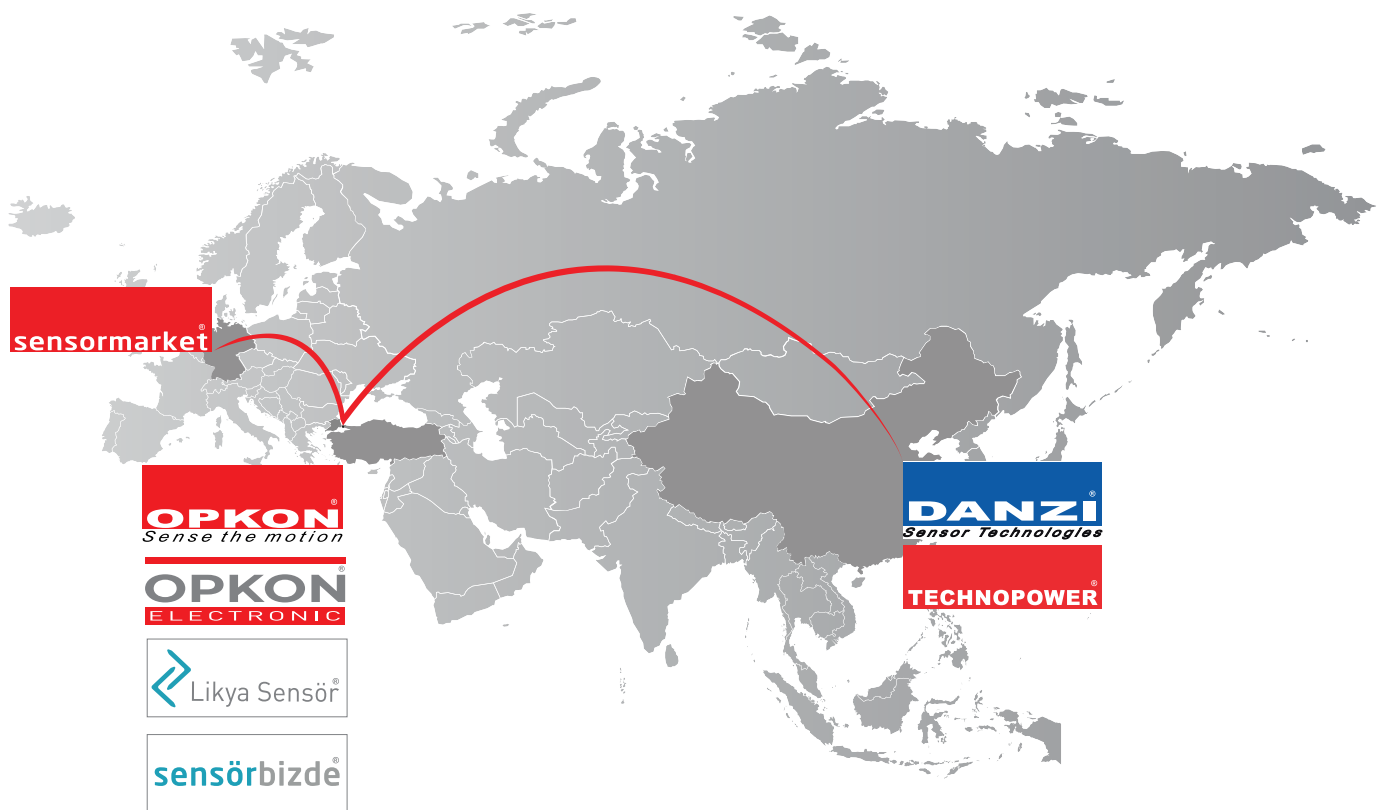
关于OPKON

OPKON公司，在1993年，成立于土耳其伊斯坦布尔，为机械制造商和通用自动化领域生产高品质位移传感器。我们与专业的和经验丰富的技术团队，为客户提供先进技术的产品和解决方案。OPKON的研发和制造，均位于伊斯坦布尔，占地4000平米，拥有128名经验丰富的工程师和技术人员。主要生产：非接触式磁致伸缩传感器、电阻式直线位移传感器、旋转电位计、拉线位移传感器、直线编码器、旋转编码器和相关面板式测控仪表。OPKON在全球范围内提供国际销售、服务和技术支持，并在德国和中国，以及其它45多个国家分布有88个分销合作伙伴，为客户提供便捷交货服务。OPKON通过研发制造、专业的高技术产品，以及提供差异化服务，而致力于国际化发展。OPKON的理念：以快捷方案，高性价比产品，和及时交货，来满足客户的技术需求，同时，注重职业健康安全和环境保护。



WHY US? / 为何选择我们

- Wide Production Range / 产品范围广
- Fast Delivery from Stock / 快捷库存交货
- Custom Design Solutions / 客户定制方案
- Easy and fast communication / 便捷快速沟通
- 30 Years' Experience in R&D, Design and Production / 30多年的研发、设计和生产经验
- Worldwide Sales & Service Network / 全球销售和服务网络
- Engineering Support / 工程师技术支持
- Updated Technology and Innovative Products / 技术更新和产品创新



- 6 group companies / 集团内6家公司
- +525000 PCS production capacity in a year / 年产50多万支各类位移传感器
- 85 products categories / 85个产品品类
- Exporting 45 countries and areas / 出口到45多个国家和地区
- 88 active sales partners / 全球88个活跃合作伙伴

Linear Potentiometers 线性位移传感器(电阻尺)

Long Stroke 长行程





Model / 型号
RTL

- Measuring range / 测量范围 30 - 1000 mm
- Infinite resolution / 无限小分辨率
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Long mechanical life 100 million cycles / 机械寿命长达1万万次
- Easy installation with fixing brackets / 安装简便带固定脚架
- IP 65 protection level / IP 65 防护等级



Model / 型号
RPH

- Measuring range / 测量范围 100 - 1950 mm
- With sliding head reducing overall dimension / 通过滑块缩短了尺身
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Long mechanical life 100 million cycles / 机械寿命长达1万万次
- Rodless design / 无拉杆式设计
- IP 40 (if mounted upside down IP 53) IP 40 (若倒装 IP 53)



Model / 型号
LPC

- Measuring range / 测量范围 50-800mm
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Orbital movement via ball joints on the both sides
通过两端的球形万向节轨道式移动
- Long mechanical life 100 million cycles / 机械寿命长达1万万次
- Strong mechanical structure (10mm rod diameter/杆径) / 坚固的机械结构
- IP 65 protection level / IP 65 防护等级



Model / 型号
RTM

- Measuring range / 测量范围 50-600mm
- Infinite resolution / 无限小分辨率
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Orbital movement in square body / 在矩形尺身里轨道式移动
without fixing brackets / 无固定脚架
- Long mechanical life 100 million cycles / 机械寿命长达1万万次
- IP 65 protection level / IP 65 防护等级



Model / 型号
LPS

- Measuring range / 测量范围 30-150mm
- Infinite resolution / 无限小分辨率
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Long mechanical life 50 million cycles / 机械寿命长达5千万次
- IP 54 protection level / IP 54 防护等级



Model / 型号
LSC

- Measuring range / 测量范围 25-400mm
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Long mechanical life 50 million cycles / 机械寿命长达5千万次
- Cable output / 导线输出
- IP67 protection level / IP 67 防护等级



Model / 型号
OPH

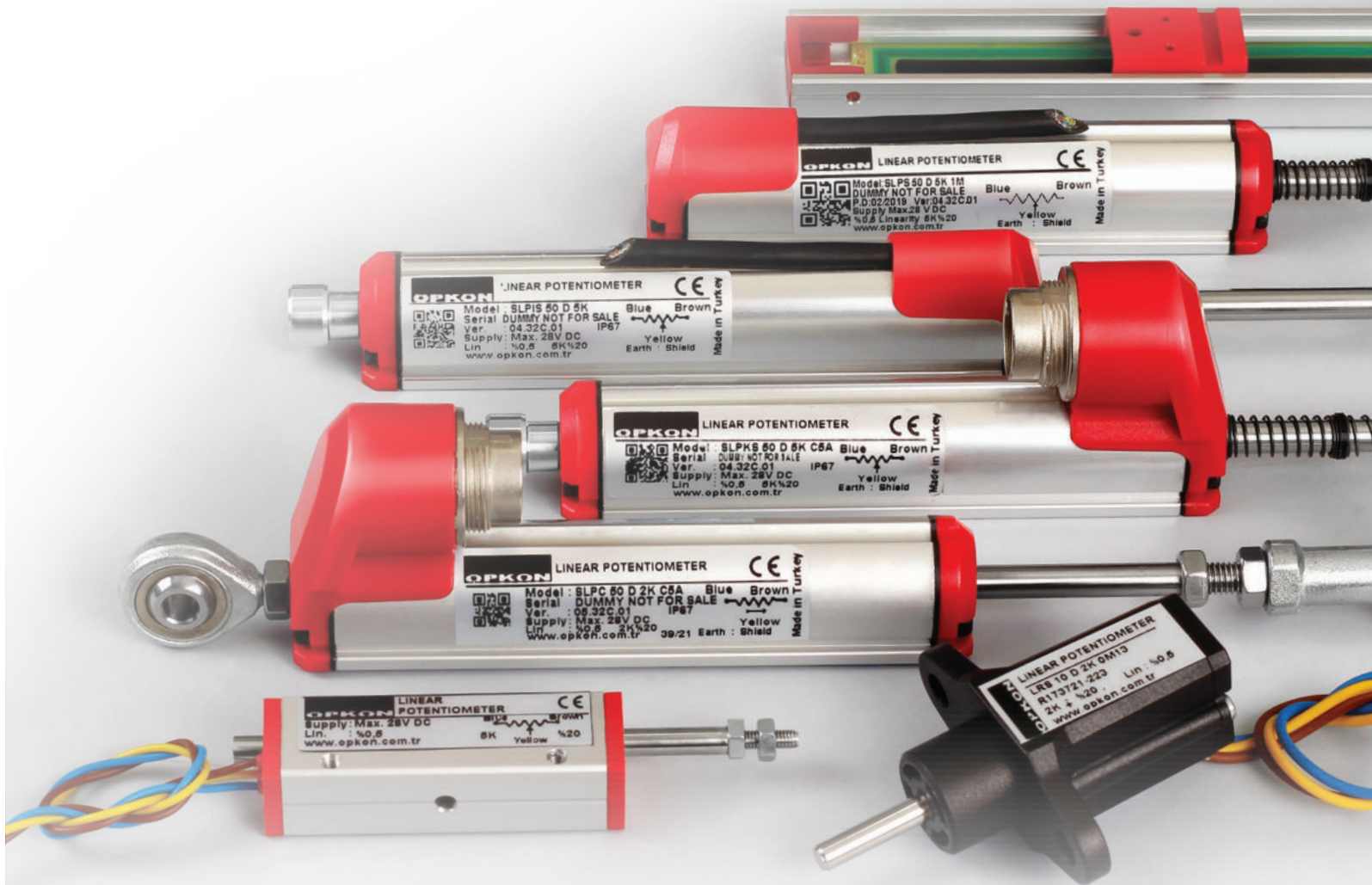
- Measuring range / 测量范围 50-1000mm
- Long mechanical life 50 million cycles / 机械寿命长达5千万次
- Excellent repeatability <0,01mm / 优越的重复度<0,01mm
- Cost effective compact design / 更为经济的紧凑型设计
- Open profile / 开放式尺身
- Easy and flexible installation / 安装更为简单和灵活

Linear Potentiometers 线性位移传感器(电阻尺)

Slim Body 微型尺身

Compact Design 紧凑型设计

Short Stroke 短行程





Model / 型号
SLPT

- Measuring range / 测量范围 10-400mm
- Linearity up to $\pm 0,05\%$ / 线性度上至 $\pm 0,05\%$
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- For small spaces applications / 适于窄小空间应用



Model / 型号
SLPC

- Measuring range / 测量范围 10-400mm
- Compact design / 紧凑型设计
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- Orbital movement via ball joints on the both sides
通过两端的球形万向节轨道式移动
- High accuracy and excellent repeatability / 高精度及优越的重复度



Model / 型号
SLPS

- Measuring range / 测量范围 10-100mm
- Spring loaded / 装有弹簧
- External spring loaded / 外部弹簧加载
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- Useful for flatness and thickness measurements / 用于平整度和厚度测量



Model / 型号
SLPK

- Measuring range / 测量范围 10-200mm
- Double-side rod / 双端带杆
- Long mechanical life 50 million movements / 机械寿命长达5千万次



Model / 型号
SLPKS

- Measuring range / 测量范围 10-100mm
- Double-side rod with return spring / 两端拉杆带自动归位弹簧
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- Ideal for thickness measurements / 尤其适合厚度测量



Model / 型号
SLPIS

- Measuring range / 测量范围 10-100mm
- Internal return spring / 内置自动归位弹簧
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- Probe or roll bearing type / 探针或滚珠式轴承型
- High repeatability and accuracy / 高重复度和精度



Model / 型号
LMT / LMTIS

- Measuring range / 测量范围 10-25mm
- Infinite resolution / 无限小分辨率
- Ultra compact design with robust aluminium housing
更为紧凑的设计,带耐用型铝材主体
- Long mechanical life 50 million movements / 机械寿命长达5千万次
- Easy mounting by thread holes / 通过螺纹孔,安装简便



Model / 型号
SOPH

- Measuring range / 测量范围 25-150mm
- Infinite resolution / 无限小分辨率
- Special teflon guiding system / 特种特氟龙导向系统
- Long mechanical life 50 million movements / 机械寿命长达5千万次



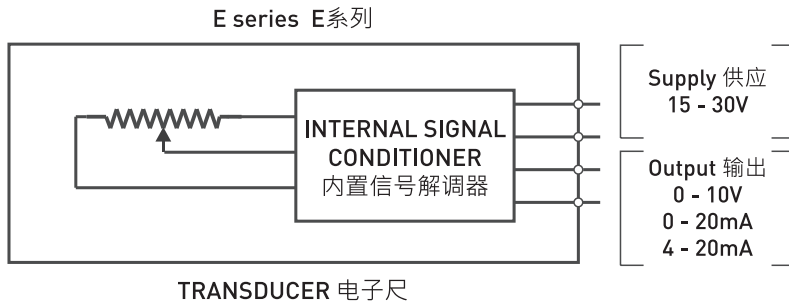
Model / 型号
LRS

- Measuring range / 测量范围 10-25mm
- Infinite resolution / 无限小分辨率
- Excellent repeatability $< 0,02\text{mm}$ / 优越的重复度 $< 0,02\text{mm}$
- Long mechanical life 50 million movements / 机械寿命长达5千万次

Linear Potentiometers 线性位移传感器(电阻尺)

Long Stroke With Internal Signal Conditioner

长行程带内置信号解调器





Model / 型号
ERTL

- Measuring range / 测量范围 30-1000mm
- Infinite resolution / 无限小分辨率
- Internal signal conditioner / 内置信号解调器
- Output / 输出 0-10 V, 0-20 mA, 4-20 mA / 10-0 V, 20-0 mA, 20-4 mA / 0-5V, 5-0V
- Easy installation with fixing brackets / 带固定脚架, 安装简便
- IP 67 protection level / IP 67 防护等级



Model / 型号
ERPH

- Measuring range / 测量范围 100-1950mm
- Internal signal conditioner / 内置信号解调器
- Output / 输出 0-10 V, 0-20 mA, 4-20 mA / 10-0 V, 20-0 mA, 20-4 mA / 0-5V, 5-0V
- Rodless design / 无拉杆式设计
- IP 40 (if mounted upside down IP 53) IP40(若倒装则为 IP 53)



Model / 型号
ELPC

- Measuring range / 测量范围 50-800mm
- Internal signal conditioner / 内置信号解调器
- Output / 输出 0-10 V, 0-20 mA, 4-20 mA / 10-0 V, 20-0 mA, 20-4 mA / 0-5V, 5-0V
- Orbital movement via ball joints on the both sides
通过两端的球形万向节轨道式移动
- Strong mechanical structure (10mm rod diameter/杆径) / 坚固的机械结构
- IP 67 protection level / IP 67 防护等级



Model / 型号
ERTM

- Measuring range / 测量范围 50-600mm
- Infinite resolution / 无限小分辨率
- Internal signal conditioner / 内置信号解调器
- Output / 输出 0-10 V, 0-20 mA, 4-20 mA / 10-0 V, 20-0 mA, 20-4 mA / 0-5V, 5-0V
- Orbital movement in square body fixing without brackets
在矩形尺身里轨道式移动
- IP 65 protection class / IP 65 防护等级



Model / 型号
ELSC

- Measuring range / 测量范围 25-400mm
- Internal signal conditioner / 内置信号解调器
- Output / 输出 4-20 mA / 10-0 V / 0-5V, 5-0V
- Excellent repeatability / 优越的重复度



Model / 型号
OP-SC1A

- Signal conditioner for resistive potentiometers / 电阻尺信号调节器
- Standardized output signals / 标准化输出信号
- Rail type / 轨道式



Model / 型号
OP-SC1B

- Signal conditioner for resistive potentiometers / 电阻尺信号调节器
- Standardized output signals / 标准化输出信号
- Connector type / 轨道式

PRODUCTION RANGE

其它产品范围

RESISTIVE
POTENTIOMETRIC



Linear Potentiometers Long Stroke Serie
线性位移传感器长行程系列

RESISTIVE
POTENTIOMETRIC



Linear Potentiometers Short Stroke - Compact Serie
线性位移传感器短行程系列-紧凑型

ANALOG V/mA



Linear Potentiometers Internal Voltage - Current Conditioner Serie
线性位移传感器内置电压-电流转换器系列

Sensopulse®
MAGNETOSTRICTIVE

ANALOG V/mA



Analog Output Non-Contact Magnetostrictive Position Sensors
非接触式磁致伸缩位移传感器(磁尺)-模拟量输出

Sensopulse®
MAGNETOSTRICTIVE

Modbus

SSI

CANopen

PROFINET

IBISS
INTERFACE

CANbus

EtherCAT

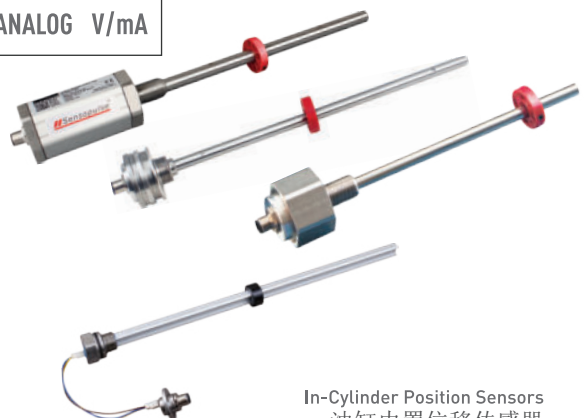


Digital Non-Contact Magnetostrictive Position Sensors
非接触式磁致伸缩位移传感器(磁尺)-数字式输出

Sensopulse®
MAGNETOSTRICTIVE

RESISTIVE
POTENTIOMETRIC

ANALOG V/mA



In-Cylinder Position Sensors
油缸内置位移传感器

PRODUCTION RANGE

其它产品范围

INCREMENTAL 

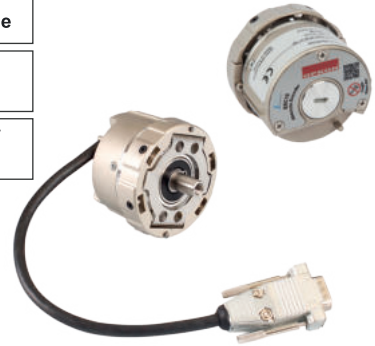


Optic / Magnetic Rotary Encoders
光/磁旋转式编码器

 Sine Cosine

 BISS INTERFACE

 SSI



Optic Rotary Absolute Encoders 光旋转式绝对值编码器
(for synchronous gearless motors) (同步无齿轮电机专用)

RESISTIVE POTENTIOMETRIC

INCREMENTAL 

ANALOG V/mA



Draw Wire Encoders 拉绳式编码器
Draw Wire Potentiometers 拉绳式位移传感器

RESISTIVE POTENTIOMETRIC

ANALOG V/mA



Rotary Sensors Magnetic 旋转式传感器
Contactless Analog Output 磁, 无接触式模拟量输出

INCREMENTAL 



Magnetic Linear Encoders
磁线性编码器(磁栅尺)

 PROFIBUS

 CANopen

 Modbus

 EtherCAT



Analog-FieldBUS Converters
模拟量-FieldBUS转换器



Panel-Type Measurement and Control Devices
面板式测量和控制仪



Hot Runner Temperature Controls
热流道温控器

WORLDWIDE SALES NETWORK
全世界销售网络



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