LINEAR GUIDE SENSOR
PSEUDO - ABSOLUTE

Wireless measuring unit integrated into linear guiding system

NO CABLE
FOR MORE FREEDOM

CUSTOMER BENEFITS

Space saving
- The linear sensor is integrated directly into the guiding system.

More flexibility
- The wireless concept allows you to remove the energy chain.

Easy to assemble
- The sensor accuracy is ready to use and needs no calibration during installation.

High resolution magneto-resistive sensing
- The very latest magnetic technology enables high performance position measurement.

Robust design for harsh environment
- The measuring system can be combined with a multitude of sealing options.
**System properties**

- Absolute position: True Power On
- Maximum length: 4000 mm
- Maximum speed: 5 m/s
- Active magnetic scale

**Environment**

- Protection class: IP68
- Working temperature: 0° to 70°C
- Storage temperature: -20° to 70°C

**Interface**

- Analog output: Sin / Cos (1Vpp)
- Digital output: SSI
- Latency: < 20 µs
- Other digital interfaces upon request

**Power Supply**

- Supply voltage: 24V
- No battery inside