Industrial Steering Device (ISD)

Features:

- Full 6 DOF (degree-of-freedom) device
- # of DOF customizable to application
- Sealed enclosure - splash proof
- Rugged & durable design resists failures
- RS232 or USB interface available
- Standard adapter plate (anodized aluminum)
- Ergonomic design promotes ease-of-use

ISD Introductory Specifications

(Valid for room temperature (T=21°C) unless otherwise specified)

Linear Deflection

• Deflection (X, Y, Z)	+/-1.5 mm

Force

• Force (Fx, Fy, Fz)	10 N
• Resolution	0.02 N

Electronics

The ISD is a high linear measurement system that is contact-less and wear-less

• Technology	Opto-electronic
• Power Consumption	5V / 9mA
• Interface Types	RS232-9600 Baud; USB
• Standard Data-rate	25 ms
• Internal Resolution	10 bit

Physical

• Sensor Weight	120 g
• Sensor Diameter	65 mm
• Sensor Height	36 mm
• Adapter Cable Length	1.5 m

ISD Package Includes

- ISD Sensor
- ISD Reference CD, includes: datasheet, test software & implementation guide
- Adapter Cable (optional)

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