

LPI Inclination Sensor

To determine the orientation angle of an object relative to the horizontal. Ideal for cranes, mining operations, excavating, and drilling rigs.

- ATEX, IECEx Approved II 2G Ex d IIC T4 Gb
- High Temperature Stability
- Low Cross-sensitivity
- Zero Gravitational Error
- For Static or Dynamic Measurement
- IP67 Rated Aluminum Enclosure



PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)	
MEASURING RANGE	0-360° (Single Axis) ±0-45° (Dual Axis)
RESOLUTION	0.01°
LINEARITY	CANopen ≤ 0.1° Analog ≤ 0.1% min. 0.1°
OPERATING TEMPERATURE	-40° to +185°F (-40° to +85°C)
THERMAL EFFECTS	CANopen 0.15° Analog 0.15° + 0.015%/10K
ENCLOSURE MATERIAL	Aluminum
OPERATING TEMP RANGE	-65 to +200°F (-54 to +93°C)

Wiring Code	
Pin A	+ Supply
Pin B	+ Output Channel X
Pin C	Supply Return
Pin D	+ output Channel Y

