

- 0.1 Degree Accuracy from -20 to +50 C
- 4-20 mA output
- Single or Dual Axis Configurations



MODEL UITS-BIXL Miniature High Performance Inclinometer Specifications

Electrical	
Ranges (standard)	+/- 10 to +/- 90 Degrees
Power Required	+ 24 Volts vdc, typically 80 mA. at ambient increasing to 200 mA. At -20 C +12 volt operation optional
Output	4 to 20 mA
Output Load Range	0 to 350 Ohms
Zero Output Bias	12 mA nominal
Accuracy*	+/- 0.05 deg tilt from 10 C to 40 C +/- 0.1 deg tilt -20 C to 50 C
Turn to Turn & Tapping Error	None
Cross=angle Error	Less than 2.5 %
Response Time	300 ms Standard, others optional
Size	!.25 " L X 1" W X 0.5 "H

*Accuracy degrades substantially in the near 90 degree region due to the small changes in the Sine function

Environmental	
Operating Temperature	-20 to 65 Deg C
Vibration Survival	10 G RMS,2 to 2000Hz
Shock Survival	1000G, 1ms
Humidity	95% R.H.
Housing	Epoxy Sealed Aluminum

