

- 0.075 Degree Accuracy from -20 to +50 C
- 0.005 deg resolution
- Single or Dual Axis Configurations



MODEL UITS-XL Miniature High Performance Inclinometer Specifications

Electrical	
Ranges (standard)	+/- 5 to +/- 45 Degrees
Power Required	+ 12 Volts vdc typically 60 mA. at ambient increasing to 160 mA. At -20 C
Output Voltage	0.5 to 4.5 VDC
Output Impedance	Less than 50 ohms
Zero Output Bias	2.500 +/- 0.05 VDC
Accuracy	+/- 0.02 deg tilt from 10 C to 40 C +/- 0.075 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

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

