

Dual Axis Inclinometers In Plastic Housing



Our **Dual Axis Inclinometer Series** sensor comes with CMOS or custom designed hybrid signal conditioning circuitry. The result is a high performance / low cost dual axis inclinometer which can tackle the most demanding applications. All models are temperature compensated to the full industrial range, and feature null and scale adjustments (factory set). The open architecture construction makes them ideal for OEM applications, and for easy installation into custom enclosures. Housed in a flame retardant, molded ABS plastic enclosure.

SPECIFICATIONS	
	SSY0195-2
Range (arc degrees)	+/-20
Output (Vdc, referenced to input common)	+1 to +4
Input Voltage (Vdc, unregulated)	+4.85 to +16
Input Current (mA)	1
Resolution (arc degrees)	0,01
Repeatability (arc degrees)	0,01
Output Ripple	
% of signal value	
mV RMS	0.5
Accuracy (arc degrees)	
at 10 degrees	+/-0.06
at 20 degrees	+/-0.6
at 30 degrees	-
at 45 degrees	-
Settling Time (mSec @ 20 degrees C)	500
Temperature Range (degrees C)	
Operating	-40 to +80
Storage	-40 to +80
Temp. Coefficient of Null (arc seconds / deg.C)	20
Temp. Coefficient of Scale (%/deg.C typ.)	0.02
Null Adjustment Range	+/-1
Weight (grams/approx.) Including Plastic Housing	120



Model #SSY0195-2

ABS Plastic Housing Version

