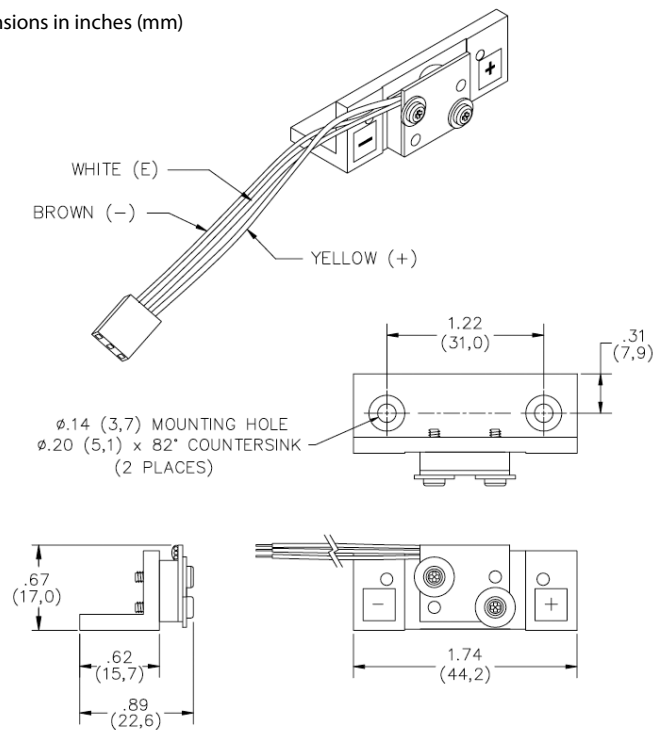


Model 84064

Ceramic Sensor Assembly



Dimensions in inches (mm)



	TUFF TILT DIGITAL (STANDARD)	TUFF TILT DIGITAL (WIDE ANGLE)
FULL ANGULAR RANGE	±80 degrees (160 degrees span)	
LINEAR RANGE	±60 degrees (120 degrees span)	
RESOLUTION	<.001 degree	
NULL REPEATABILITY	<.02 degree	
LINEARITY (LINEAR RANGE)	<1% of span typical	
LINEARITY (FULL RANGE)	2% of span	
NULL IMPEDANCE ±20%	8,000 Ohms ±20%	
OPERATING TEMPERATURE	-50°C to +125°C	
STORAGE TEMPERATURE	-75°C to +150°C	
TIME CONSTANT	150 milliseconds, sensor is critically dampened	
SCALE FACTOR TEMP. COEFF	0.1% /°C	
WIRES	28 AWG, Tinned Stranded Copper with Teflon Insulation, 6 Inches (152mm)	
WEIGHT	22 grams	
SIGNAL CONDITIONING	All Applied Geomechanics signal conditioners	



environmental systems & services
 8 River Street, Richmond VIC 3121 Australia
 T + 61 3 8420 8999 | F + 61 3 8420 8900
 geotechnical@esands.com | www.esands.com

