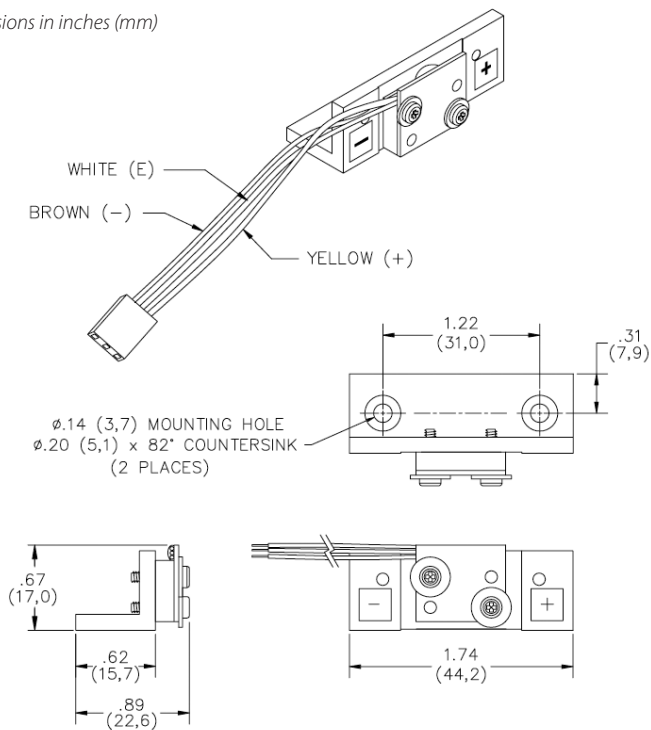


# Model 84064

## Ceramic Sensor Assembly



Dimensions in inches (mm)



| SPECIFICATIONS                  |   | MODEL 84064 |
|---------------------------------|---|-------------|
| <b>FULL ANGULAR RANGE</b>       | ±80 degrees (160 degrees span)  |             |
| <b>LINEAR RANGE</b>             | ±60 degrees (120 degrees span)  |             |
| <b>RESOLUTION</b>               | <.001 degree  |             |
| <b>NULL REPEATABILITY</b>       | <.02 degree   |             |
| <b>LINEARITY (LINEAR RANGE)</b> | <1% of span typical   |             |
| <b>LINEARITY (FULL RANGE)</b>   | 2% of span  |             |
| <b>NULL IMPEDANCE ±20%</b>      | 8,000 Ohms ±20%   |             |
| <b>OPERATING TEMPERATURE</b>    | -50°C to +125°C   |             |
| <b>STORAGE TEMPERATURE</b>      | -75°C to +150°C   |             |
| <b>TIME CONSTANT</b>            | 150 milliseconds, sensor is critically dampened                         |             |
| <b>SCALE FACTOR TEMP. COEFF</b> | 0.1% /°C  |             |
| <b>WIRES</b>                    | 28 AWG, Tinned Stranded Copper with Teflon Insulation, 6 Inches (152mm) |             |
| <b>WEIGHT</b>                   | 22 grams  |             |
| <b>SIGNAL CONDITIONING</b>      | All Applied Geomechanics signal conditioners                            |             |

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