

2 Component Miniature Tiltmeter Module Data Sheet

Dimensions: diameter: 60mm, height: < 70 mm

Power Supply $\pm 9..18V/\text{max. } 5\text{mA}$

Sensitivity: 500 micro-radians/ Volt (about 100 arc seconds / Volt)

Maximum output voltage: $\pm 8V$

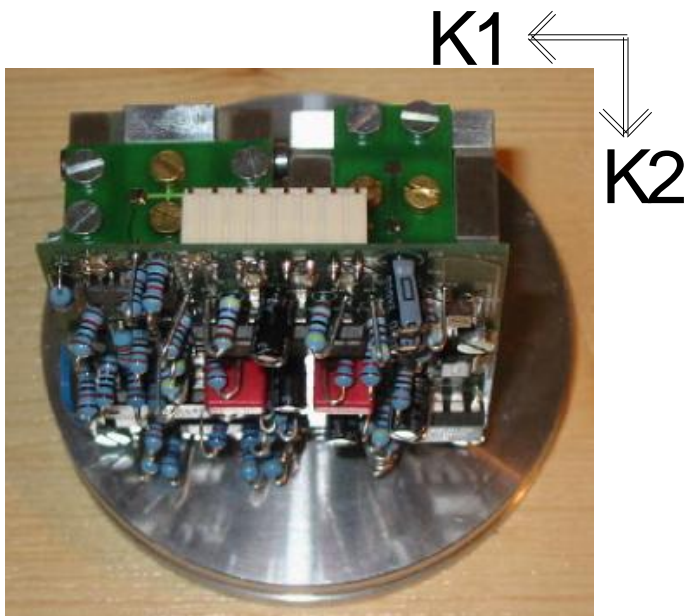
Range: $\pm 4 \text{ mrad}$ (800 arc seconds)

Resolution: 1 nanoradian (0.0002 arc seconds)

Time constant: < 0.5sec

Integrated temperature sensor ± 30 degrees Celsius, resolution better than 1 mK

Mounting plate will be manufactured according to customer specifications (minimum Dimensions about 47x60mm)



Note: it is absolutely necessary to operate the sensor in dry environment. Always place a drying agent in the vicinity of the sensor to keep humidity below 30%