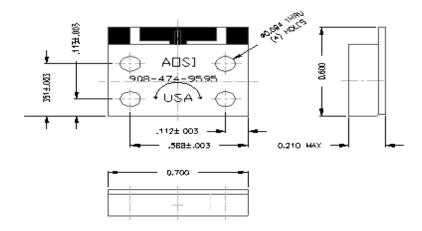
SX-060D-LIN LINEAR WIDE RANGE MINIATURE SENSOR

SX-060D-LIN miniature single axis LINEAR inclination sensor provides an economical and reliable tilt sensing solution for applications requiring small size, superior LINEARITY, resolution, repeatability and symmetry. Rugged hermetic construction and MIL-SPEC temperature range make it perfectly suitable for numerous Wide range high precision OEM, military, medical, optical, automotive, range finder, alignment, automation, robotics and construction angle measurement applications. Innovative design, four set screw holes and small size facilitate uncomplicated wall mounting.

| Specification | Data | Comments/units |
|--------------------|------------------|--------------------|
| Range | -70 to +70 | arcdeg near-linear |
| Range | -60 to +60 | arcdeg linear |
| Repeatability | < 0.03 | arcdeg typical |
| Resolution | < 20 | arcsec typical |
| Symmetry | < 3% @ 60° | % CCW & CW |
| Linearity | < 4% @ 60° | % CCW & CW |
| Linearity | < 3% @ 45° | % CCW & CW |
| Linearity | < 2 %@ 30° | % CCW & CW |
| Response time | < 40mSec | mSec see notes*# |
| Time constant | < 150 mSec | mSec see notes**# |
| Tot. settling time | < 300 mSec | mSec see notes***# |
| Temperature | -55 to +125 | deg C storage |
| Temperature | -55 to +125 | deg C operational |
| Construction | Alumina Ceramics | High Reliability |



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