

## SenSpot™ Features

- Lightweight, easy & fast to install adhesive mount devices
- Long lifetime
  - Minimum expected life: 20 years
  - Typical: 30 years
- Sensing capabilities:
  - **Strain**, resolution: 1  $\mu$ Strain
  - **Acceleration and Vibration**, resolution: 1mg, range adjustable to  $\pm 2g$ ,  $\pm 4g$ ,  $\pm 8g$
  - **Tilt and inclination**, resolution: 12.9 seconds (0.003 degrees)
  - **Precision Tilt & Inclination**, resolution: 0.5 arc seconds (0.00014 degree)
  - **Crack width**, accuracy: 0.1mm
  - **Humidity & moisture**, resolution: 1% RH
  - **Temperature**: 1 °F
- Working temperature: -40 to +150°F (-40 to +65°C)
- Long free space communication range: 1.3Km
- Small size: 1.3" x 3.5" (0.55" thick)

## Description

Resensys SenSpot™ sensors are ideal in applications where low cost, long endurance, and easy installation are important. Example applications of SenSpot™ include:

- Monitoring loading condition in critical components.
- Monitoring deformation and displacement
- Monitoring vibration patterns



A SenSpot™ strain sensor