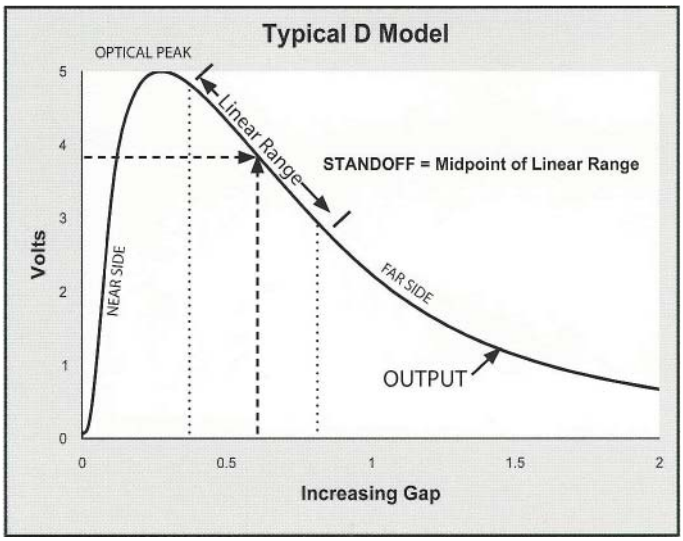
# Quick Start Guide for Analog D Sensors

1. Power up the sensor
2. Hold the sensor at 90° to the target
3. Gap it to the optical peak (*If the voltage stays over 5 volts, it means the Gain is too high. Turn the Coarse Gain counterclockwise until the voltage drops below 5 volts - the gain controls each have 22 turns*).
4. Set the Peak to 5.000 volts using the Gain Controls.
5. Reset the Gap to the Near or Far Side region for measurements
6. Take voltage readings
7. Convert volts to distance using the factory supplied sensitivity as follows:




Within the bounds of the stated linear range,
Distance = Δ milliVolts ÷ Sensitivity = µm

Note: The XY calibration data points are made available upon request.