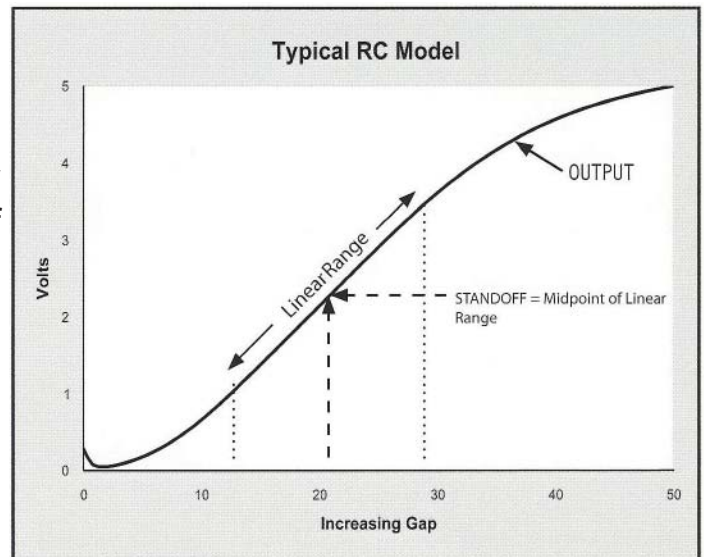# Quick Start Guide for Analog RC Sensors

1. Power up the sensor
2. Gap to the desired operating distance
3. Take voltage readings
4. Convert volts to distance using the factory supplied sensitivity. Within the bounds of the linear range, convert the change in voltage output as follows:
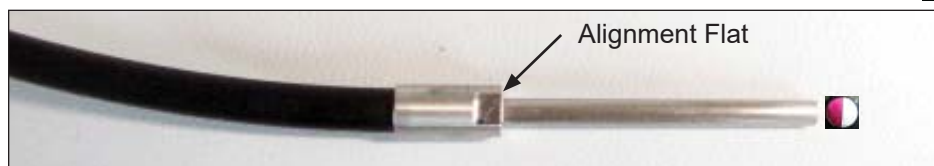
   Distance = Δ milliVolts ÷ Sensitivity = μm

Note: NO NEED ADJUST THE SNR CONTROL UNLESS THE TARGET IS VERY DARK

THE RC DESIGN

RC sensors have side-by-side fiber bundles where light is transmitted from just one side. An alignment flat found on the probe collar can be used as an aid to get proper alignment. The flat is ground parallel to the split between the adjacent fiber bundles.

Alignment Flat

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