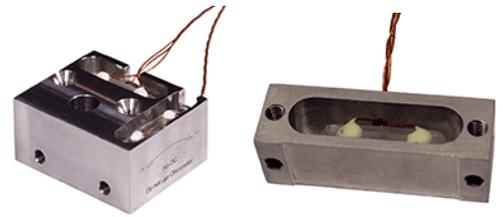
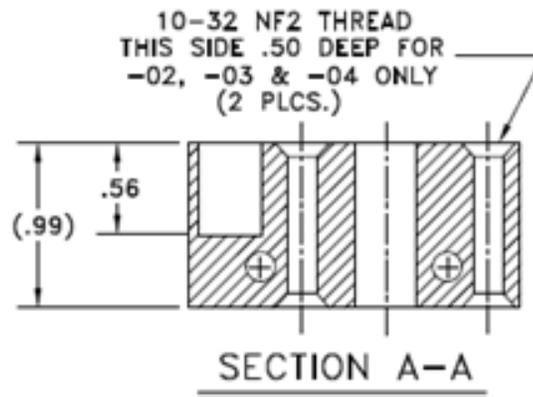


Cleaning Procedures For Vacuum-Compatible Tilt Sensors (755-VAC and 756-VAC)



The metal shavings in the sensor are from cutting the threads for the two stainless steel screws that attach the cover plate to the sensor housing. The location of the threads is shown in the drawing below. The thread size is 10-32 (American SAE size). To begin, remove the two screws and then remove the cover plate. If the customer has a 10-32 tap (used for cutting threads), they should run the tap into each hole until it stops and then remove the tap and use compressed air to blow out any loose metal cuttings. He should do this several times until the hole is clean.



To remove oil and fingerprints from the metal housing, we recommend using isopropyl alcohol or acetone. Put a small amount of alcohol or acetone on a lint-free cloth and rub gently. To clean inside the holes, use a cotton swab. Do NOT get alcohol or acetone on the epoxy (Torr Seal) that holds the glass sensor in the metal housing. These chemicals could cause the epoxy to soften. The cover and screws can be cleaned by immersing them in alcohol or acetone and then allowing them to air dry. When the cleaning is finished, replace the cover plate on the housing using the two 10-32 screws.



Bake out will be required for additional oil removal. Bake out should be performed at temperatures of 80C° or lower for these sensors. During these procedures, care should be taken not to damage the glass sensors inside the metal housing or the sensor wires.