

**INSTALLATION INSTRUCTIONS**  
**PRESSURE SENSOR & CABLE**  
**FOR USE WITH ULTRA-LITE PRO SYSTEM**



## Oil Pressure/Blower Pressure

**Sensor Value 0-50 psi MAP, 0-60 psi, 0-100 psi and 0-250 psi**

The sensor may be mounted on the engine at any oil pressure port. If an oil pressure gauge is used, it is suggested that the sensor be mounted with an 1/8" or 1/4" (depending on the sensor) NPT T-fitting at the gauge. It is always recommended that pressure sensors be remote mounted in severe duty applications (Solid Chassis/ FC/TAD/PM ETC)

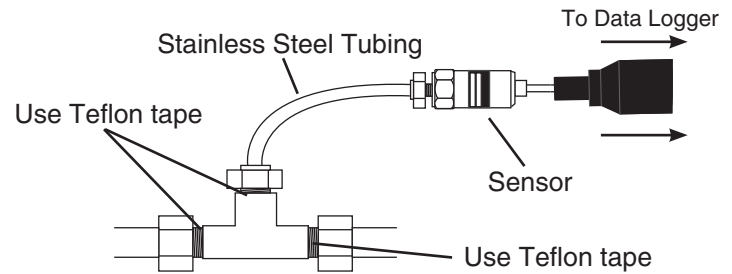


Figure 5. Pressure Sensor Installation (Remote Mount to Reduce Vibration)

## Fuel Pressure

**Sensor Value 0-15 psi, up to 0-100 psi**

Fuel pressure readings can be taken at different points in the fuel system. Multiple readings can show how much pressure is lost in the line during a run. Readings taken at the fuel pump and at the regulator can show how efficient the fuel pump is and how responsive your regulator is. If your installation allows, you can mount a sensor at the carburetor instead of the regulator, which will show pressure right at the float bowl.

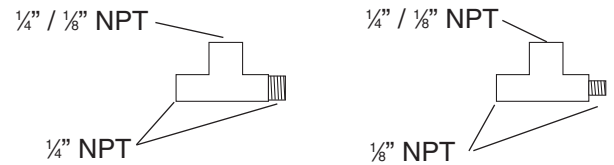


Figure 6. NPT T-fitting sizes

## Nitrous Pressure

**Sensor Value 0-1600 psi**

The measurement of nitrous pressure before or after the solenoid can show when the system is being triggered and how much the pressure fluctuates during the run. Nitrous pressure can be measured at the nitrous bottle, at the solenoid or both if your looking to see how much pressure is lost in the line. The sensor at the solenoid can be mounted before the solenoid to read line pressure.

## Pressure

**Sensor Value 0-3000 psi**

This sensor features 1/8" NPT thread and can be used for higher pressure applications

**NOTE:** Use included wire harness to convert connector on sensor to data logger.

**NOTE:** Always use good quality Teflon tape on the sensor's threads.

**NOTE:** If pressure readings are taken directly from the engine, the sensor may need to be isolated from hot components and vibrations. Mount the sensor to the firewall or chassis and run steel braided line to the sensor.