

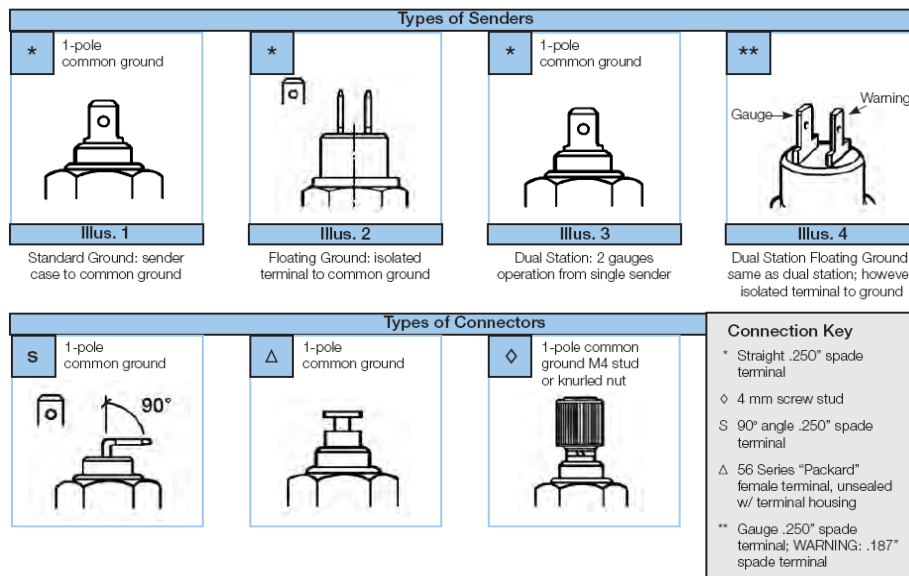
# TEMPERATURE AND PRESSURE SENDERS



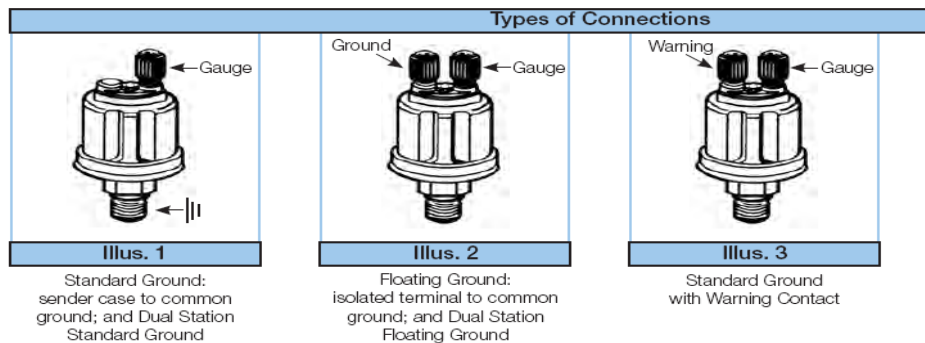
## **Installation:**

1. **Do not** use Teflon tape or sealant on the threads. It will cause a grounding issue and the sender will not work properly.
2. **Do not** use “T” or angle adapters for temperature senders since the sender tip will not be properly located in the fluid flow.

## **Temperature Senders:**



## Pressure Senders:



# TEMPERATURE AND PRESSURE SENDERS

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## Installation Torque

Temperature  
Senders

Thread Size	Max Torque (Nm)	Max Torque (ft lb)
1/8 – 27 NPTF	10	7
1/4 – 18 NPTF	20	15
3/8 – 18 NPTF	30	22
1/2 – 14 NPTF	30	22
5/8 – 18 UNF-3A	20	15
M10 x 1.0	10	7
M12 x 1.5	15	11
M14 x 1.5	20	15
M16 x 1.5	30	22
M18 x 1.5	30	22

Pressure  
Senders

Thread Size	Max Torque (Nm)	Max Torque (ft lb)
1/8 – 27 NPTF	30	22
1/4 – 18 NPTF	60	44
3/8 – 18 NPTF	60	44
M10 x 1.0	30	22
M12 x 1.5	40	29
M14 x 1.5	60	44
M16 x 1.5	80	59
M18 x 1.5	100	74

### **Sender Testing:**

Senders can be tested with an OHM meter that measures from 10 to 2,000 OHMs. Connect the positive lead from the tester to the sender terminal and the negative lead to a good ground. The following readings will occur if the sender is operating properly:

Temperature Sender: Room Temp (Sender Dependent) 300 – 1000 Ohms (• )

Pressure Sender: Engine off (Sender Dependent) 10 Ohms (• ), 240 Ohms (• )