

PRODUCT INFORMATION**TYPE 1008S GAUGE ATTACHED TO DIAPHRAGM SEALS**

When a gauge is attached to a diaphragm seal, a calibration error will result. A metal diaphragm will cause a greater error than a Teflon or elastomeric diaphragm, and the errors in low pressure gauges (below 100 psi) will be greater than those in high pressure gauges.

Generally, ranges below 100 psi require recalibration after seal assembly and filling.

Since the Type 1008S gauge does not have a recalibration feature, there is no way to correct for any error resulting from the assembly of a seal. (The 1008S gauge has a crimped ring preventing access to internal components.)

Therefore it is suggested that 1008S gauges below 100 psi are not attached to diaphragm seals. Using a 1009 gauge (that can be recalibrated after assembly) is the proper solution.