

COMMON CONFIGURATIONS

The pressure instrument and diaphragm seal assemblies shown below are examples of completely filled and tested assemblies and their corresponding part numbers.



Instrument
PT45P1A2P20-G-T-HV (pg.7)

Seal
W51522SSS-TKDTD-AS (pg.59)

Application
The most common gauge seal assembly for threaded connections. For use with corrosive, clogging or moderately hot process media.



Instruments
PR35S1A4D25-D-T (pg.3)
TG1P25-1A4A00 (pg.101)

Seal
DSTC15SS4-TRM-AG (pg.79)

Application
For use in a sanitary or clean-in-place application where the user would like both a mechanical dial pressure gauge and electronic output on the same connection port.



Instrument
PC40S1A4M250-D-T (pg.13)

Seal
W7254R21SSS-TDTD-AS (pg.69)

Application
Low pressure gauge with a high accuracy diaphragm seal. For use with corrosive gas or liquid on a flanged connection.



Instrument
Customer Supplied In-Line Smart Pressure Transmitter

Seal
MS8QWM2XS-RTR-BH-R1 (pg.77)

Application
For use in high temperature service where a diaphragm seal is required to protect the pressure transmitter from process temperature as high as 750°F.



Instrument
PT45P1A2P17-D-T-TS (pg.7)

Seal
W51523SSC-TKA25-AS (pg.59)

Application
For use where the pressure measurement point is a long distance from where the operator can conveniently and safely read the gauge.



Instrument
Customer Supplied dP Transmitter

Seal
W9FFWR31S-W20-AS-RR (pg.71)

Application
For use monitoring tank level, measuring flow across an orifice plate, measuring pressure drop across a valve or filter, and other dP application. Flush diaphragm seals are most commonly used with process media that clogs or coagulates in limited flow areas and dead legs.

DIAPHRAGM SEALS