

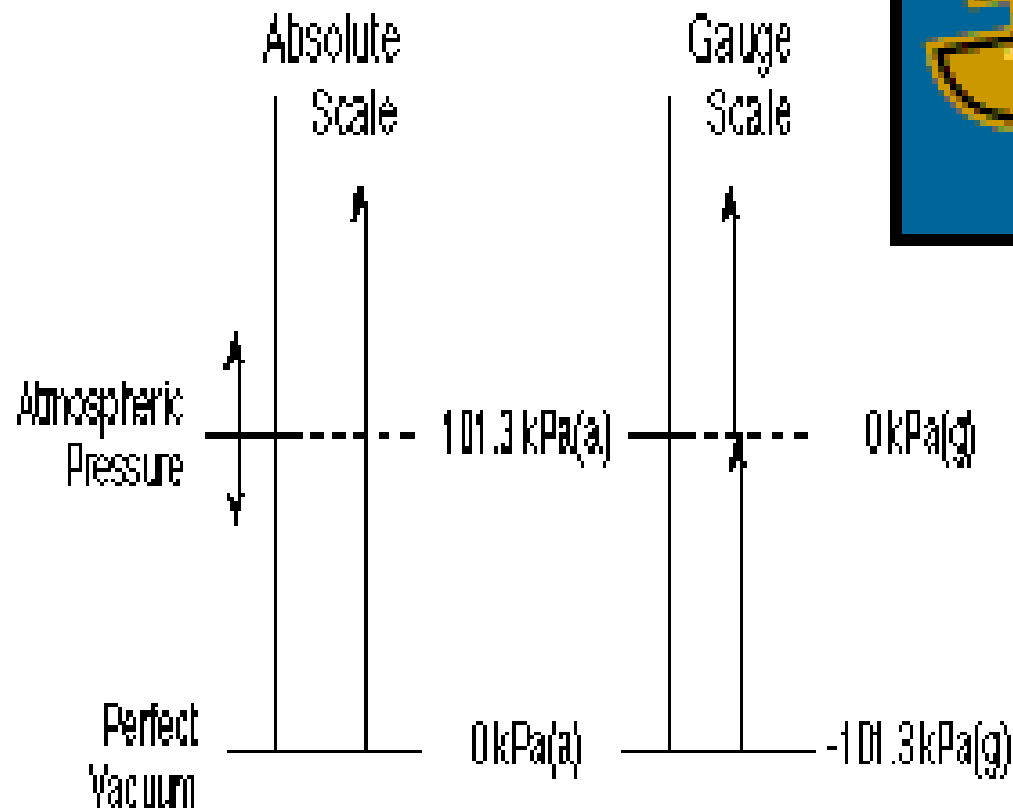
# Pressure Measurement



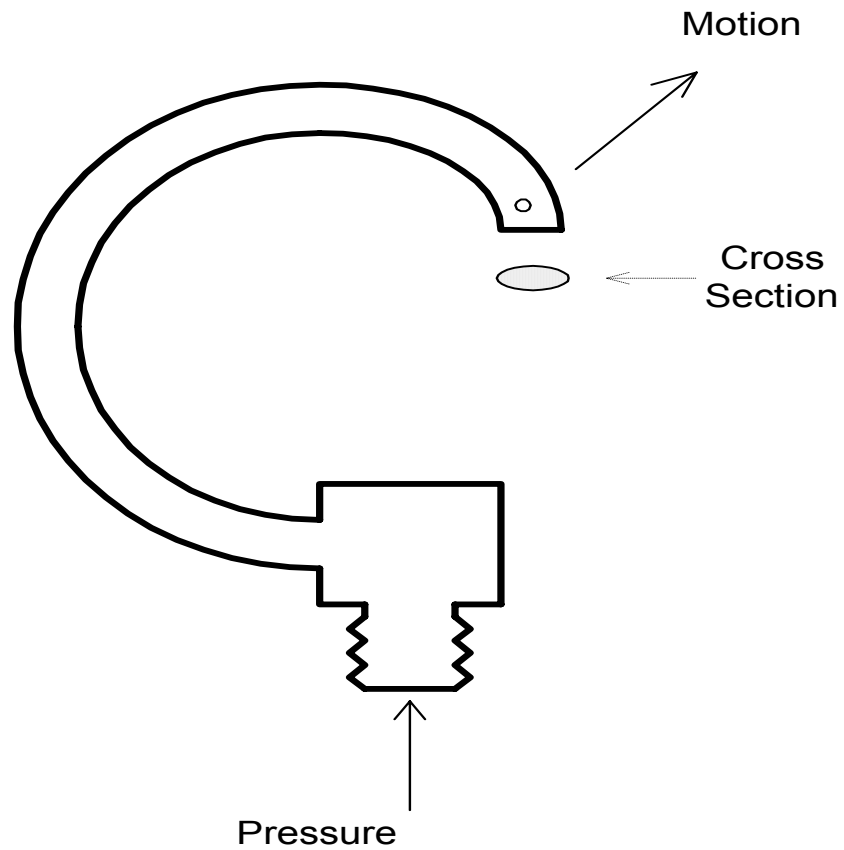
# Pressure Measurement Devices



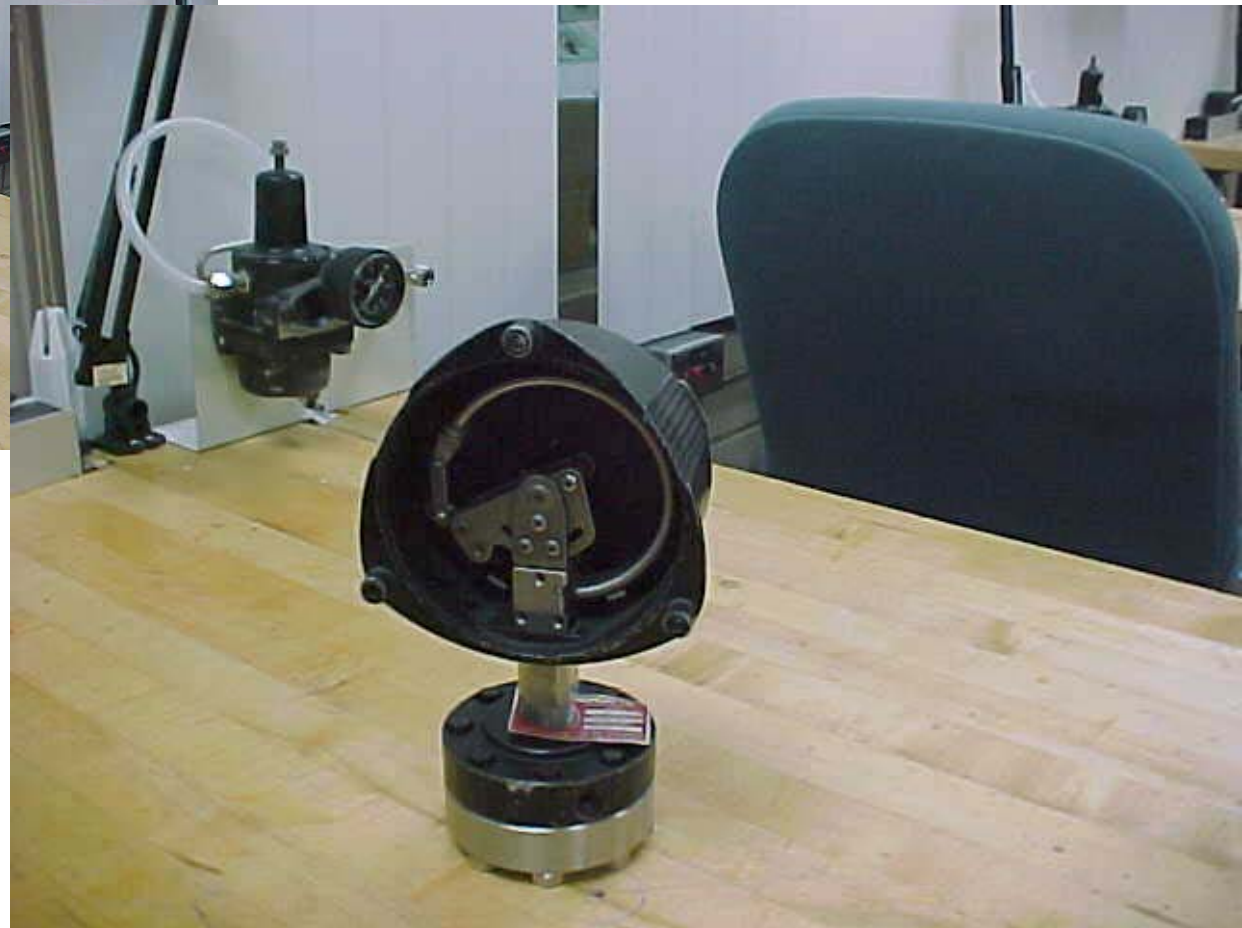
# Pressure Scales



# Bourdon Tube



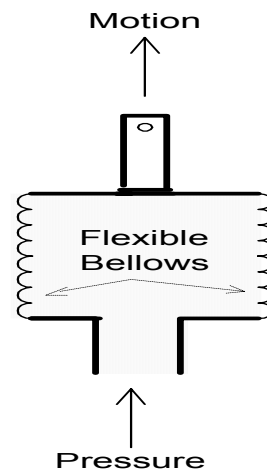
# Bourdon Tube Gauge



# Bourdon Tubes

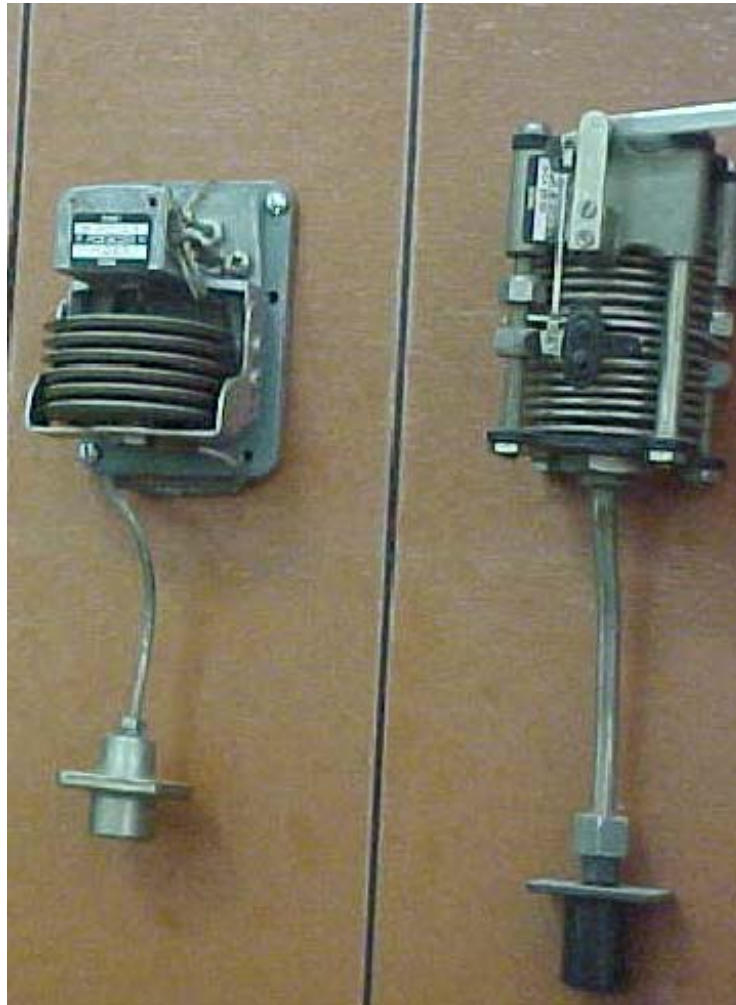


# Bellows



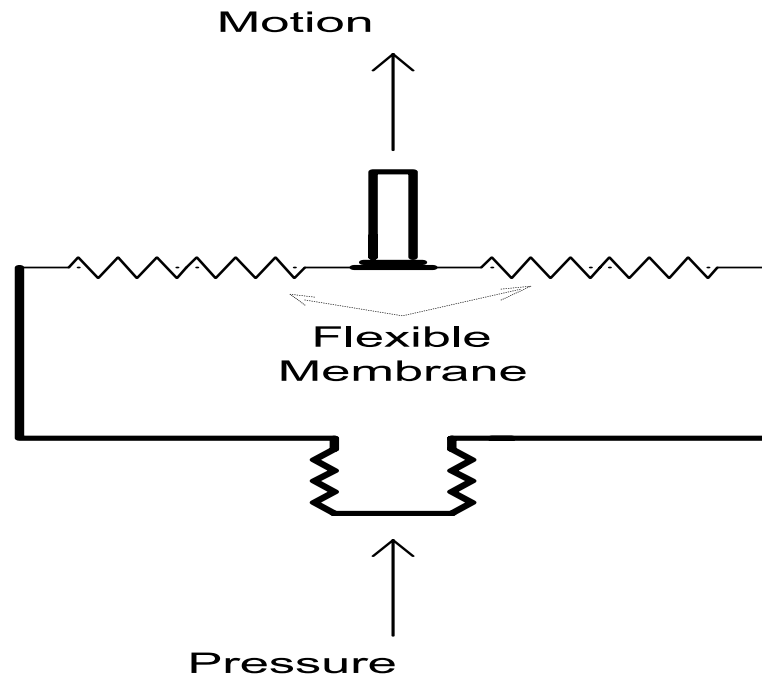


# Bellows Gauges





# Diaphragm



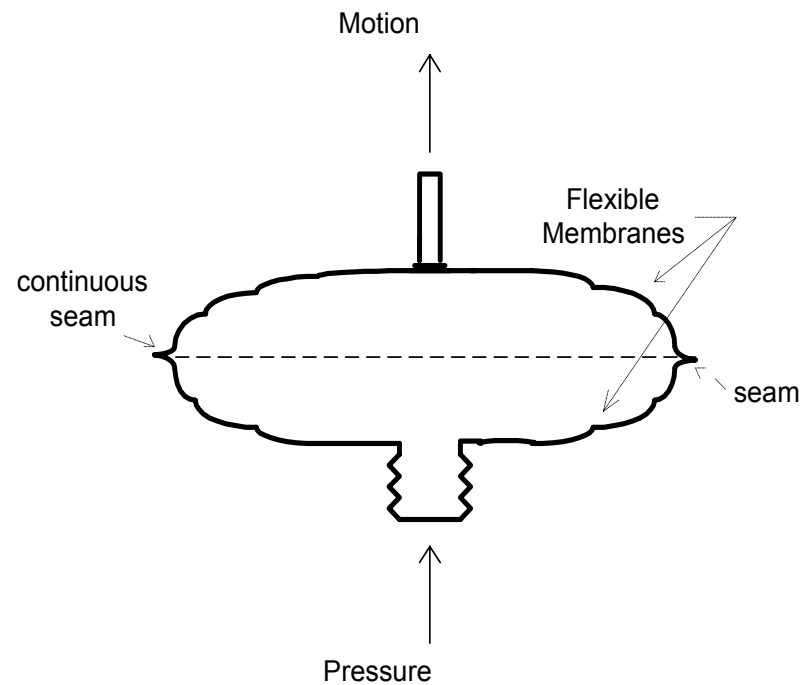
# Diaphragm Differential Gauge



# Switch



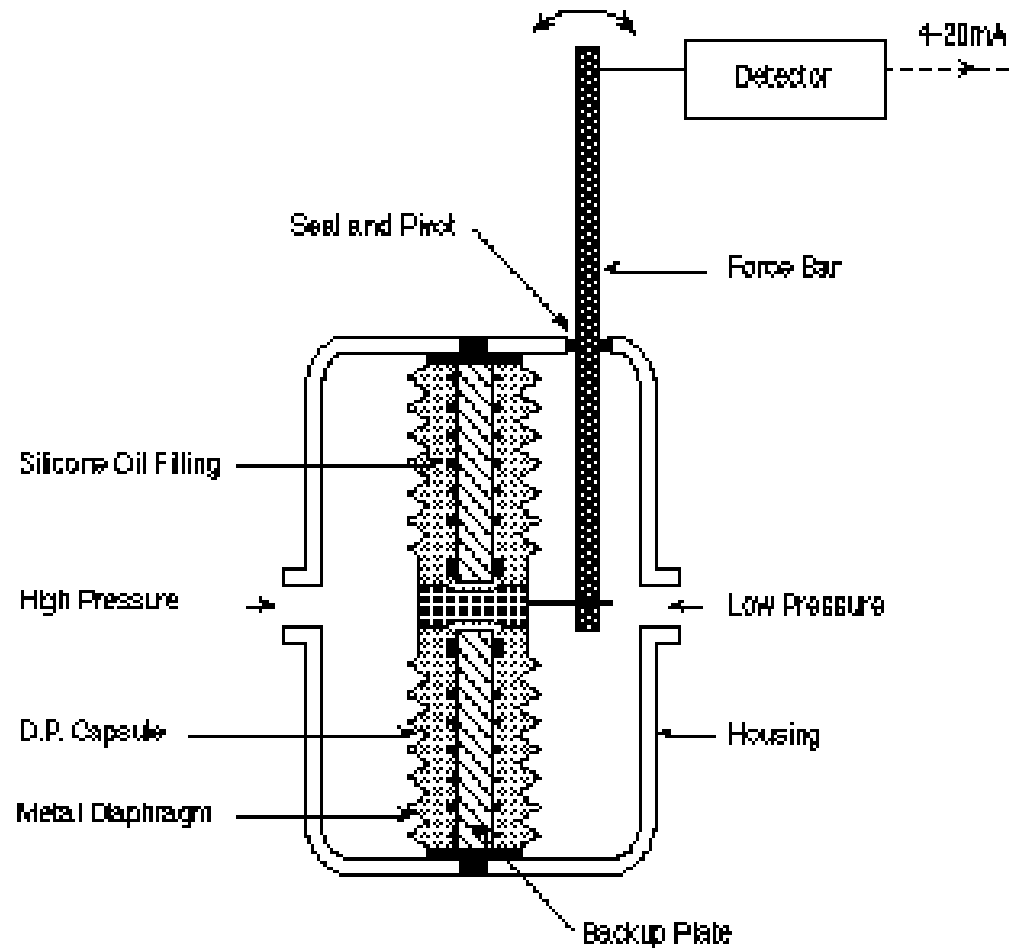
# Capsule 1



# Capsule 2



# Differential Pressure Cell

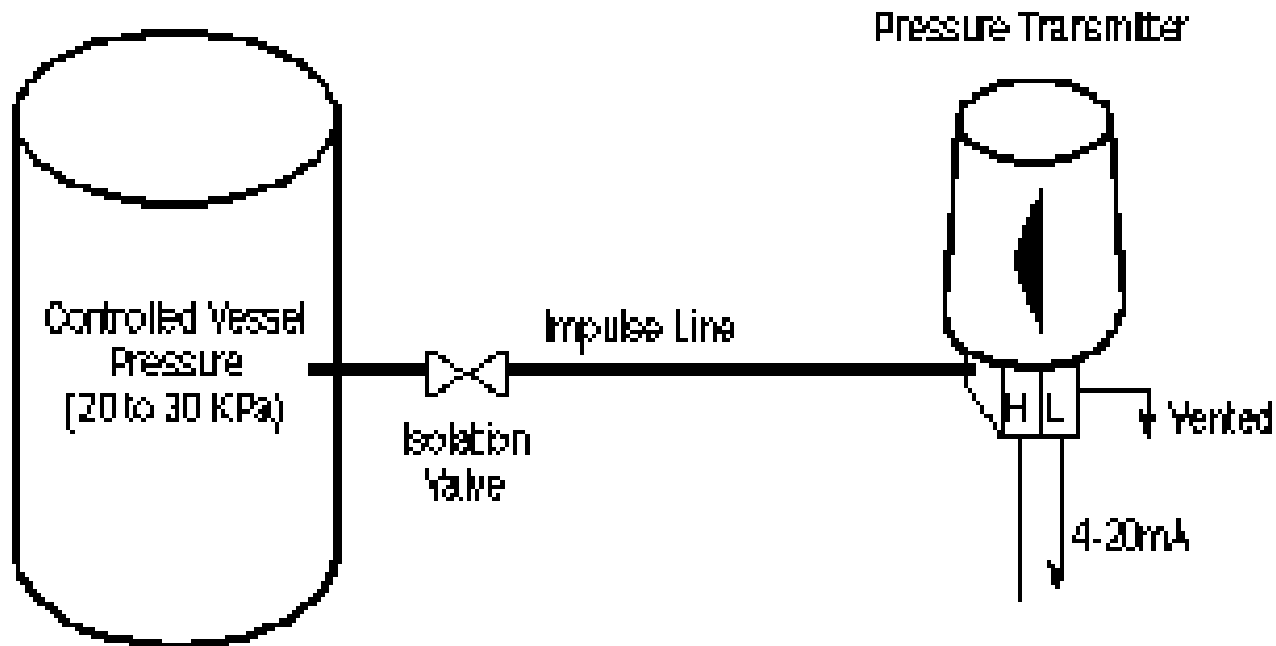


# Typical Pressure Transmitter

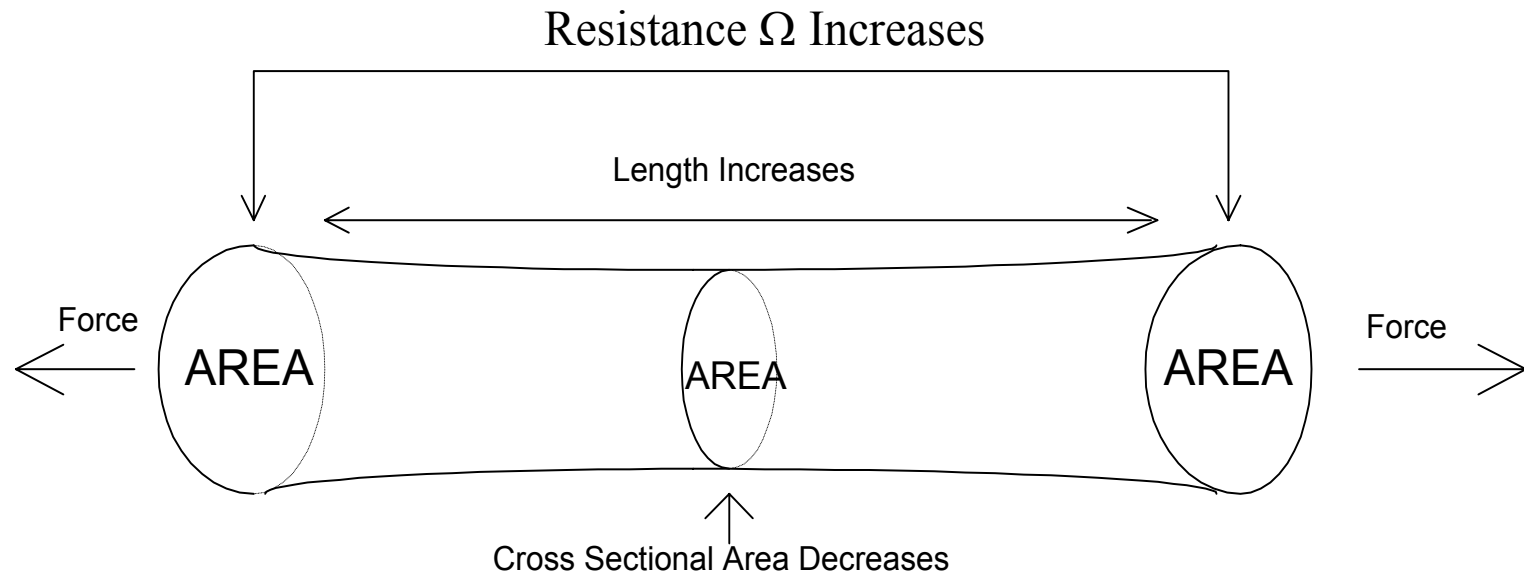




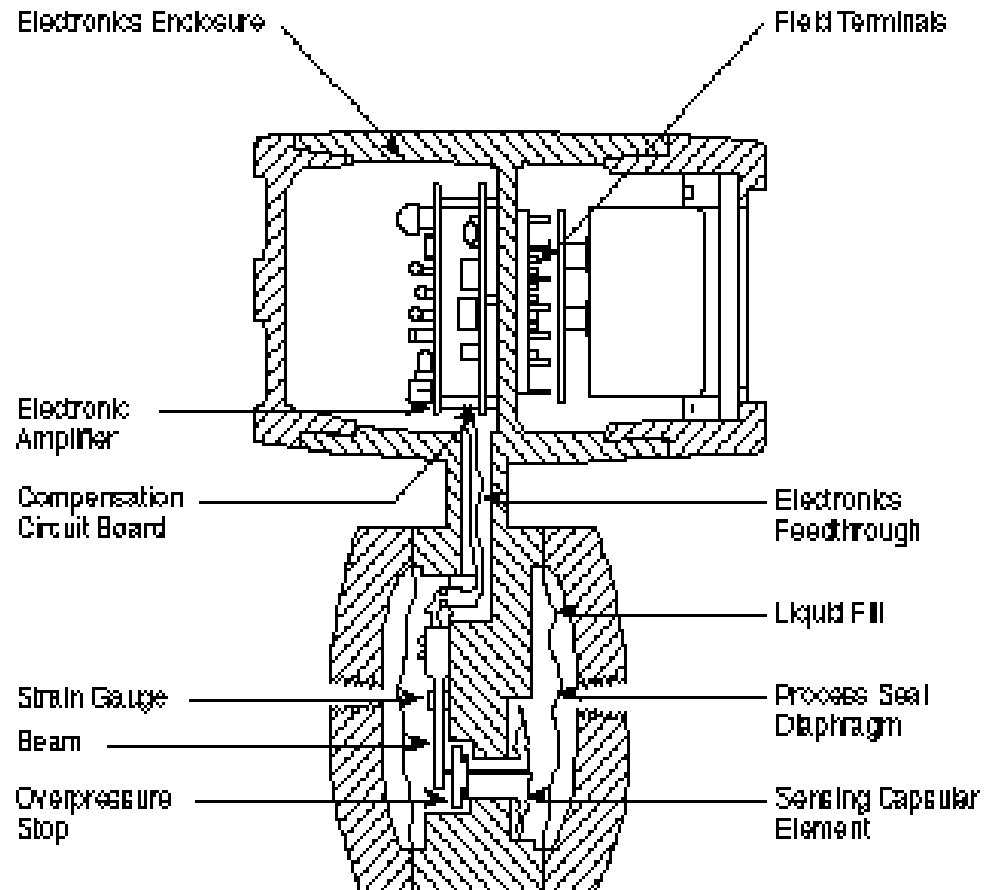
# Pressure Transmitter Installation



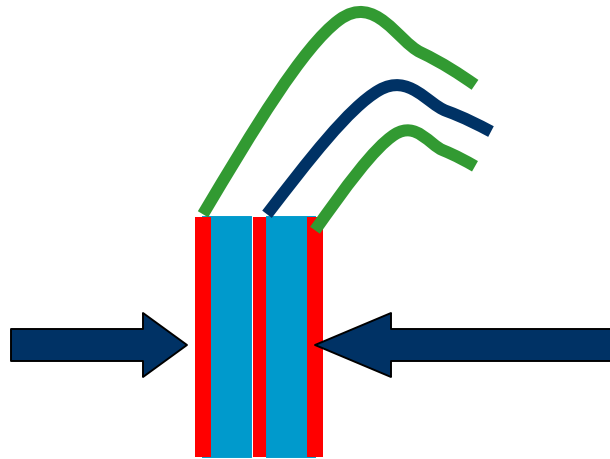
# Strain Gauge



# Strain Gauge DP Cell



# Capacitance Cells





# Operating Environment

- Vibration
- Temperature
- Vapour Content



# Failures and Abnormalities

- Over-pressure
- Blocked sensing lines
- Leaking sensing lines
- Loss of electrical power



# For you to do

- Read pp 8-17
- Answer questions pp. 81-82, #1-5