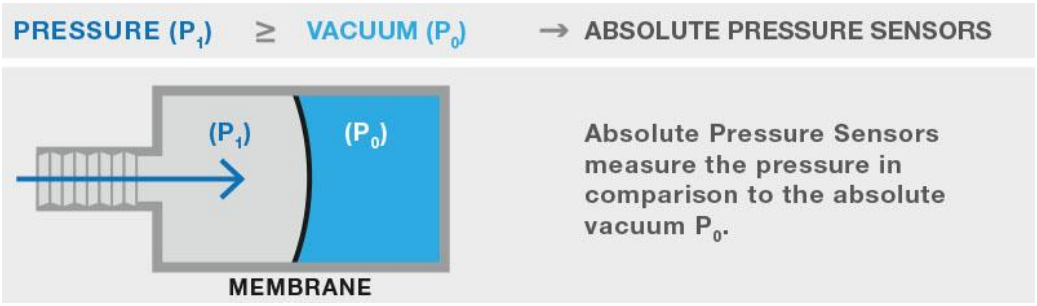
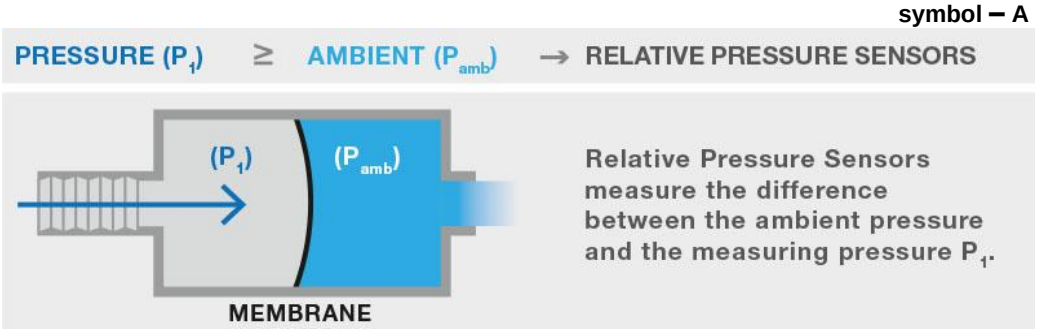
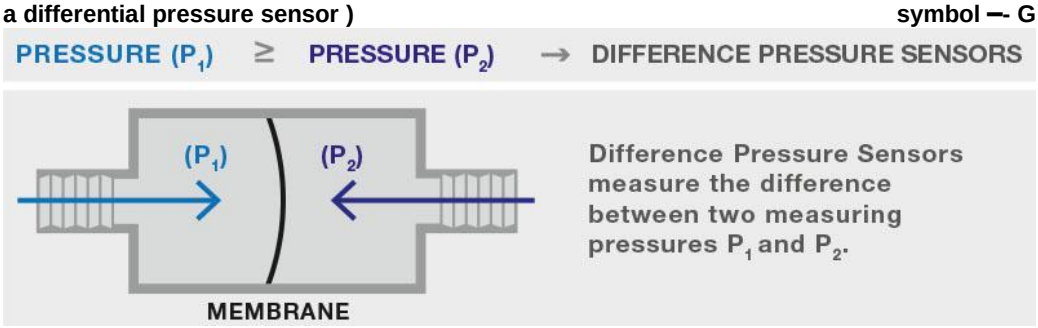
Various pressure modes measured by pressure sensors:



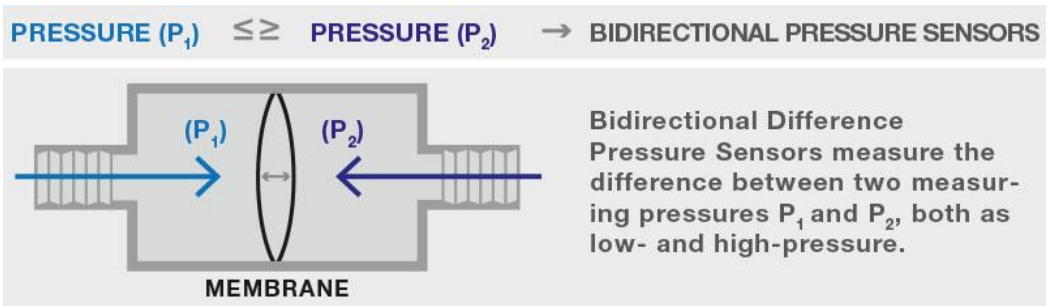
Absolute pressure sensor (P_1-P_0 for measuring pressure, P_0 for vacuum pressure at zero) symbol – A



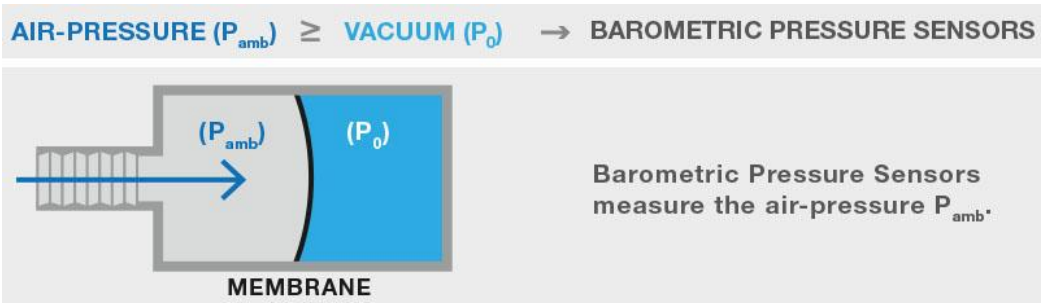
Relative pressure sensor (gauge pressure, P_1 - P_{amb} measures the pressure difference between two sides, P_{amb} ambient pressure, usually atmospheric pressure, which is actually a differential pressure sensor) symbol –- G



Differential pressure sensor (P_1-P_2 measures the pressure difference between the two sides, always $P_1 \geqslant P_2$) symbol – D



Bidirectional differential pressure sensor (P_1-P_2 measures the pressure difference between the two sides, P_1 can be greater or less than P_2) symbol –D-B



Atmospheric pressure sensor (P_1-P_0 measures atmospheric pressure, P0 measures vacuum pressure to zero, sensor calibration range is 700-1200mbar, which can improve the accuracy of measuring atmospheric pressure) symbol – B