

MONOLITHIC VACUUM MANOMETER UTILIZING ELECTROSTATIC INTERFERENCE AS A MEANS OF DETECTION

ABSTRACT

A monolithic manometer and method of sensing pressure changes may include sensing a change in parasitic capacitive coupling between multiple parasitic capacitive coupled conductive elements in response to a diaphragm disturbing the parasitic capacitive coupling between the conductive elements. A signal representative of the sensed change in parasitic capacitive coupling may be output.

Fig. 1