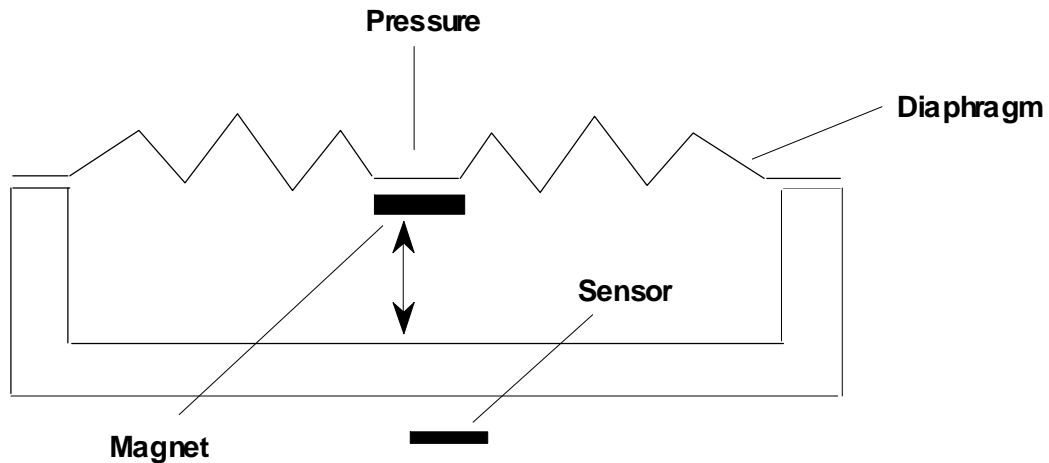


## Pressure Transducer

SOLID STATE

AP 00236



### PRODUCT

SS94A1 Linear Hall Effect Sensor

### APPLICATION DESCRIPTION

The sensor senses distance from sensor to the magnet, which is attached to the pressure sensing diaphragm. The output of the sensor is, as such, a measure for the pressure applied.

### MARKET

Industrial

The customer was looking for a good solution for sensitive, linear and low cost pressure transducer which could easily take very high overpressures, much higher than solid state pressure transducers. An example: a differential pressure transducer with a pressure range of 0 to 100 mbar can take up an over pressure of 10 bar.