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ABSTRACT

PRESSURE TRANSDUCER

5 A pressure transducer which has a closed
chamber which is full of oil or other non-
compressible liquid. Pressure communicates with a
diaphragm which defines one side of the closed
chamber and the pressure communicates via the oil
10 with a pressure sensor which is mounted within the
oil spaced from the diaphragm. The liquid entered
the closed chamber through a inlet hole with a
selected volume driven into the closed chamber by a
ball which is forcefully driven a selected distance
15 into the inlet hole before stopping at the end of
the inlet hole against a physical stop.

Figure 3