

- (a) The capsule type differential pressure element with a force bar suitably connected to the capsule and providing a "force" output proportional to the differential pressure;
- (b) The "force to air signal pressure" translator which includes a flapper-nozzle assembly, feedback bellows, pneumatic relay and a range bar assembly facilitating continuous adjustment of the total span from 20" to 205" w.g.

In operation the movement of the force bar translated through a flexure to the range bar provides, in conjunction with suitably interconnected components, an output signal pressure ranging from 3 to 15 p.s.i. and corresponding to the applied differential pressure. The receiver recorder for differential pressure may include a static pressure element with associated linkage system and recording pen.

This recorder may be equipped with either Foxboro mechanical or electric approved chart drives.

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