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PNEUMATIC INSTRUMENT PARTICLE TRAP

ABSTRACT OF THE DISCLOSURE

A transducer (10) which provides a regulated pneumatic output as a function of an electric control input includes a housing (16), a gas regulator (22), and a particle trap (51). The housing (16) has a passage (20) therein, the passage (20) including an inlet for receiving a pressurized gas supply and an outlet. The particle trap (51) is disposed in the passage (20) and includes a trap plate and a trap nozzle which directs gas against the trap plate (56) so as to remove undesired entrained particles from the gas before it reaches the gas regulator (22).

This Sheet Has Been Replaced

