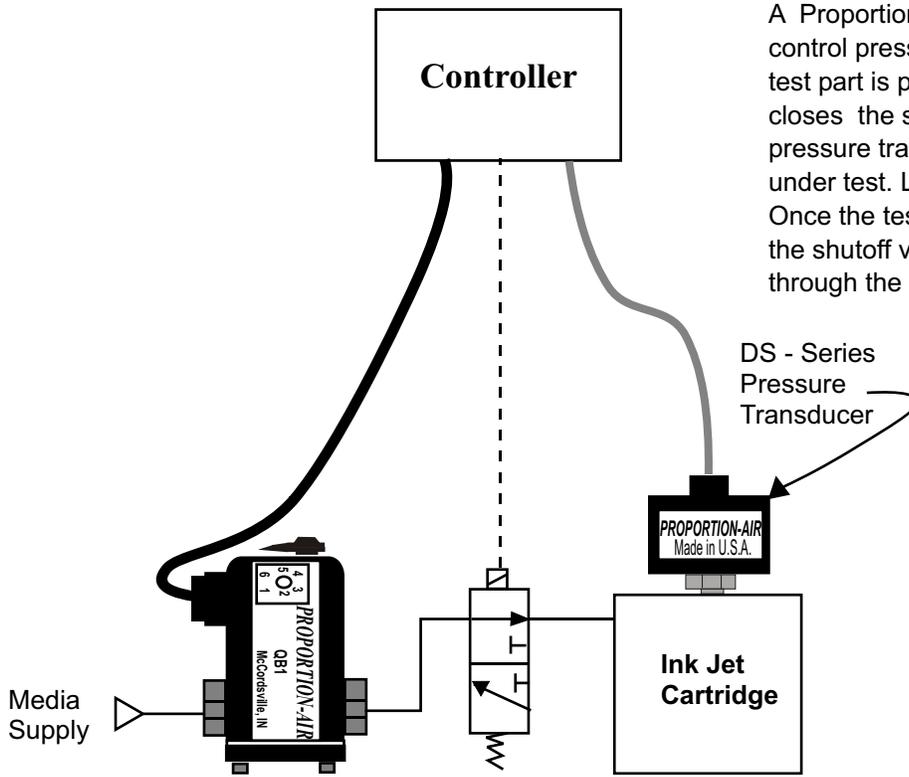


Leak Test A

PROPORTION-AIR

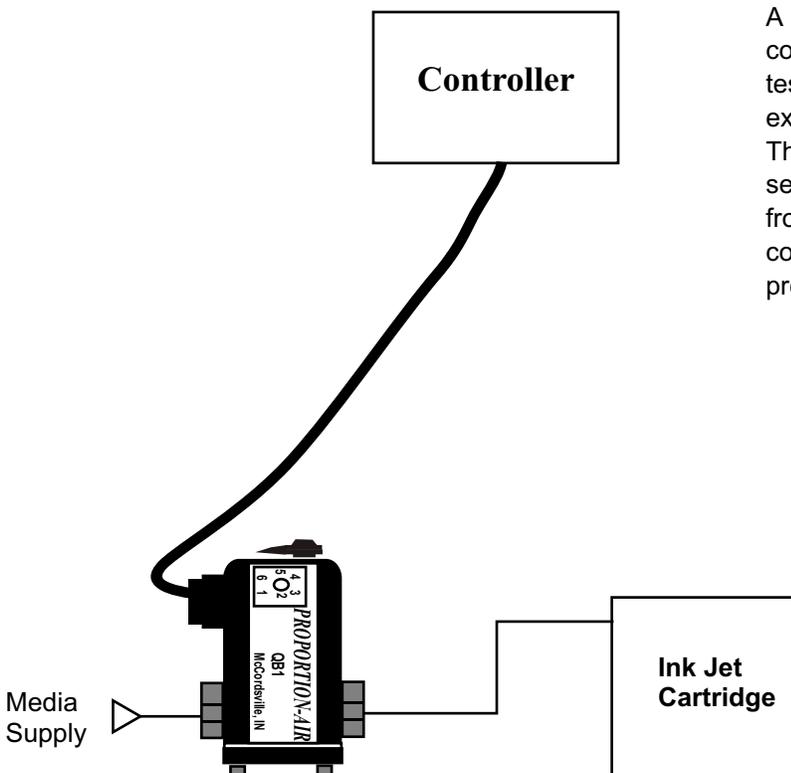


A Proportion-Air control valve can precisely control pressure to leak test parts. Once the test part is pressurized by the QB, the controller closes the shutoff valve. The DS-Series pressure transducer senses pressure in the part under test. Leak decay is recorded by the controller. Once the test is completed, the controller opens the shutoff valve and pressure is relieved through the QB.

Circuits and design information are offered only as suggestions and are furnished free of charge. This company and its agents assume no liability for the safe and/or satisfactory operation of machines or systems designed from this information

Leak Test B

PROPORTION-AIR



A Proportion-Air control valve can precisely control pressure to leak test parts. Once the test part is pressurized by the QB, the inlet and exhaust valves are disabled by a signal on pin 3. The QB measures the leak decay with its internal sensor. Leak decay is recorded by the controller from the analog monitor signal. Once the test is completed, pressure is relieved through the QB.

Drawing DP0519A