MODEL DYP2S
PNEUMATIC DIFFERENTIAL PRESSURE CONTROL VALVE

The PARKER Model DYP2S is comprised of two single stage 3 way pressure control valves in one valve body. Each half of the DYP2S valve is an independent valve with common supply and return ports. The two valve outputs (C1 & C2) are operated out of phase with each other producing a high gain pressure difference proportional to electrical input. Construction is a dual force motor design using a separate flapper, pressure jet, and return jet for each motor.

FLUID: CLEAN DRY GAS
OPERATING PRESSURE: 2 - 200 PSI
TEMPERATURE: 40° TO 160° FARENHEIT
FILTRATION: COALESCING + 25 MICRON PARTICULATE
USEABLE FLOW: 1.15 SCFM @ 40 PSI DROP
PRESSURE RECOVERY: 98%
POWER REQUIRED: ±80 MA (80 OHMS)
ELECTRICAL CONNECTOR MATE: MS-3106-14S-2P
PHASING + ON CONNECTOR PIN A = PRESSURE @ C2 PORT
BOTTOM PORTS (4 EA) COUNTER BORED 0.375 DIA. X .050 TO .055 DEEP

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