



OPERATION:
 APPLYING CONTINUOUS PRESSURE TO THE CONTROL PORT TRANSFERS VALVE STATE. REMOVING PILOT PRESSURE RETURNS VALVE TO ITS INITIAL POSITION. MINIMUM SIGNAL PRESSURE IS 30 PSI. VALVE IS SPRING RETURN.

TECHNICAL SPECIFICATIONS:

VALVE TYPE:
 4-WAY, SINGLE PILOT, SPRING RETURN

OPERATING PRESSURE RANGE:
 0 TO 145 PSI (VALVE PORTS)
 30 TO 145 PSI (CONTROL PORT)

FLOW RATE:
 25 CFM @ 100 PSI
 10 CFM @ 45 PSI

CV:
 .45

ORIFICE SIZE:
 .157 INCHES (4mm)

CONNECTIONS: (FEMALE)
 1/8 NPT (VALVE PORTS)
 10-32 THREADS (CONTROL PORT)

MEDIA:
 FILTERED AIR OR NON-AGGRESSIVE GAS

MATERIALS:
 ALUMINUM ALLOY HOUSING, HARDENED STEEL
 SPOOL & SLEEVE, BUNA N SEALS, ZINC
 PLATED STEEL END CAPS

OPERATING AMBIENT:
 14°F TO 160°F (-10°C TO 70°C)

WEIGHT:
 5.7 OUNCES

ELLIS/KUHNKE CONTROLS			
DRAWN BY	EJL	8/21/02	4-WAY SINGLE PILOTED SPRING RETURN VALVE
CHECKED			
ISSUED		SIZE B	FSC# N1 DWG. NO. 87122
			SHEET