



This valve is a pilot-operated, normally closed, electro-proportional throttle with reverse free-flow check. Energizing the coil generates an opening force on the pilot stage which vents the main stage poppet to open proportionally. Metered flow is from port 1 to port 2 with reverse free flow from port 2 to port 1.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Recommended dither frequency	140 Hz
Deadband, nominal (as a percentage of input)	25%
Maximum Valve Leakage at 110 SUS (24 cSt)	20 drops/min. @5000 psi
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	Viton: 990-018-006

CONFIGURATION OPTIONS

Model Code Example: FPJPXGN

CONTROL	(X)	FLOW RATE	(G)	SEAL MATERIAL	(N)	COIL *
X	-	G Nominal 120 gpm @ 200 psi (14 bar) differential (480 L/min.)		N Buna-N		No coil
		B Nominal 60 gpm @ 200 psi (14 bar) differential (240 L/min.)		V Viton		* Additional coil options are available
		D Nominal 80 gpm @ 200 psi (14 bar) differential (320 L/min.)				