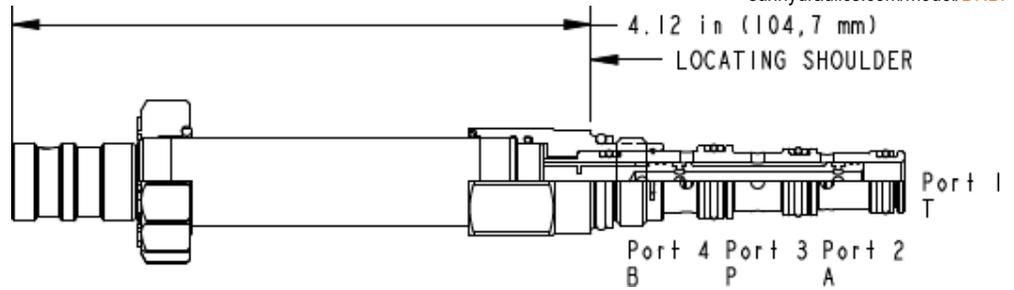


P-Control, N-Spool



This FLeX Series solenoid-operated 4-way, 2-position cartridge is a direct-acting, balanced spool directional valve.

CONFIGURATION

P	Control	Manual Pull Override
N	Spool Configuration	Through, Shift to Cross
N	Seal Material	Buna-N
(none)	Coil	No coil

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Typical Valve Leakage at 110 SUS (24 cSt) - Except N Spool	66 cc/min.@350 bar
Typical Valve Leakage at 110 SUS (24 cSt) - N Spool, Inlet on 3	115 cc/min.@350 bar
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990030007
Seal kit - Cartridge	Viton: 990030006

NOTES

- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
- An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS
Model Code Example: DNBFNPN

CONTROL	(P) SPOOL CONFIGURATION	(N) SEAL MATERIAL	(N) COIL *
P Manual Pull Override	N Through, Shift to Cross	N Buna-N	No coil
X No Manual Override	C Closed, Shift to Through	E EPDM	* Additional coil options are available
	D Closed, Shift to Cross	V Viton	
	E Cross, Shift to Closed		
	T Tandem, Shift to Through		
	V Cross, Shift to Tandem		