



This direct acting, solenoid-operated, 4-way, 3-position spool valve is spring centered to the neutral position. When coil A is energized, the flow is from port 3 (P) to port 2 (A) and from port 4 (B) to port 1 (T). When coil B is energized, the flow is from port 3 to port 4 and from port 2 to port 1.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	10 in <sup>3</sup> /min. @3000 psi
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990-431-007
Seal kit - Cartridge	EPDM: 990-431-014
Seal kit - Cartridge	Viton: 990-431-006

**NOTES:** • The two coils used in this assembly are interchangeable with one another, but once installed and wired, the coil closest to the hex body is considered Coil A, and the coil closest to the coil nut is Coil B.

**CONFIGURATION OPTIONS**

**Model Code Example: DNDCXCYN**

CONTROL	(X)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(N)	COIL *
<b>X</b> No Manual Override		<b>C</b> Blocked Center		<b>N</b> Buna-N		No coil
		<b>A</b> A to T Center		<b>E</b> EPDM		* Additional coil options are available
		<b>B</b> B to T Center		<b>V</b> Viton		
		<b>H</b> Open Center				
		<b>R</b> Regen Center				
		<b>T</b> Tandem Center				
		<b>W</b> A and B Bleed to T Center				
		<b>Y</b> A and B to T Center				