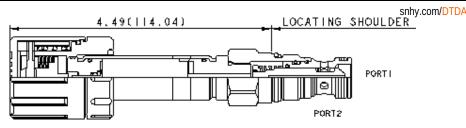


D-Control, C-Poppet

CONFIGURATION



This solenoid-operated 2-way, 2-position cartridge is a direct-acting, poppet-style directional valve. The valve is available in either a normally open or normally closed configuration. Due to the poppet style construction, this valve has extremely low leakage.

D	Control	Twist/Lock (Dual) Manual Override	TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.		
С	Poppet Configuration	Normally Closed	Maximum Operating Pressure	350 bar	
			Response Time - Typical	50 ms	
۷	Seal Material	Viton	Maximum Valve Leakage at 110 SUS (2	cSt) 0,7 cc/min.@350	bar
(none) Coil		No coil	Switching Frequency	15000 cycles/hr	
			Manual Override Force Requirement	33 N/100 bar @ F	Port 1
			Manual Override Stroke	2,5 mm	
			Seal kit - Cartridge	Buna: 990413007	7
			Seal kit - Cartridge	EPDM: 99041301	4
			Seal kit - Cartridge	Polyurethane: 99	0413002
			Seal kit - Cartridge	Viton: 990413006	5

• 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: DTDADCV

CONTROL (D)	POPPET CONFIGURATION (C)	SEAL MATERIAL (V)	COIL *
D Twist/Lock (Dual) Manual Override	C Normally Closed	V Viton	No coil
X No Manual Override	H Normally Open	N Buna-N	212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Override		E EPDM	224 DIN 43650-Form A, 24 VDC
M Manual Override			712 Twin Lead, 12 VDC
T Twist (Momentary) Manual Override			724 Twin Lead, 24 VDC
			912 Deutsch DT04-2P, 12 VDC
			924 Deutsch DT04-2P, 24 VDC
			* Additional coil options are available