



CONFIGURATION

M	Control	Manual Override
H	Poppet Configuration	Normally Open
N	Seal Material	Buna-N
912	Coil	Deutsch DT04-2P, 12 VDC

This FLeX Series solenoid-operated 2-way, 2-position cartridge is a direct-acting directional poppet valve. Available in either normally open or normally closed configurations, these valves feature a pressure-balanced design, low leakage, and allow flow or blocking in both directions. This cartridge can be installed directly into a cavity in the end of

many of Sun's pilot operated and ventable valves to provide integrated pilot control.

TECHNICAL DATA

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	0.004 in ³ /min.@5000 psi
Viscosity Range	35 - 2000 SUS
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990-608-007
Seal kit - Cartridge	Viton: 990-608-006
U.S. Patent #	10,302,201

- NOTES:**
- For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.
 - 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: DTAFMHN912

CONTROL	(M)	POPPET CONFIGURATION	(H)	SEAL MATERIAL	(N)	COIL *
M Manual Override		H Normally Open		N Buna-N		No coil
D Twist/Lock (Dual) Manual Override		C Normally Closed		E EPDM		* Additional coil options are available
L Twist/Lock (Detent) Manual Override				V Viton		
T Twist (Momentary) Manual Override						
X No Manual Override						