

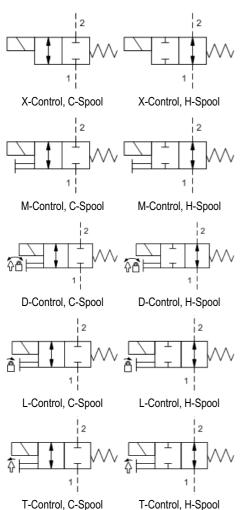
MODEL DAAL

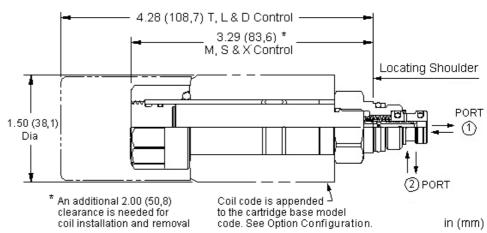
2-way, solenoid-operated directional spool valve - pilot capacity

SERIES P / CAPACITY: 1 L/min. / CAVITY: T-8A



sunhydraulics.com/model/DAAL





This solenoid-operated 2-way, 2-position cartridge is a direct-acting, balanced spool pilot valve used to pilot other full-flow valves. The valve is available in either a normally open or normally closed configuration.

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

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

* Additional coil options are available

Maximum Operating Pressure	350 bar		
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar		
Manual Override Force Requirement	33 N/100 bar @ Port 1		
Manual Override Stroke	2,5 mm		
Response Time - Typical	50 ms		
Switching Frequency	15,000 max. cycles/hr		
Seal kit - Cartridge	Buna: 990008007		
Seal kit - Cartridge	EPDM: 990008014		
Seal kit - Cartridge	Polyurethane: 990008002		
Seal kit - Cartridge	Viton: 990008006		

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: DAALXCN

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

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