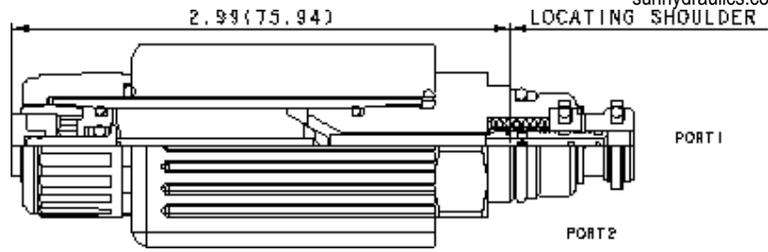


M-Control, C-Spool



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.

CONFIGURATION

M Control	Manual Override
C Spool Configuration	Normally Closed
N Seal Material	Buna-N
224 Coil	DIN 43650-Form A, 24 VDC

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar
Manual Override Force Requirement	66 N/100 bar @ Port 1
Response Time - Typical	30 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990008007
Seal kit - Cartridge	EPDM: 990308114
Seal kit - Cartridge	Polyurethane: 990008002
Seal kit - Cartridge	Viton: 990008006

NOTES

An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS

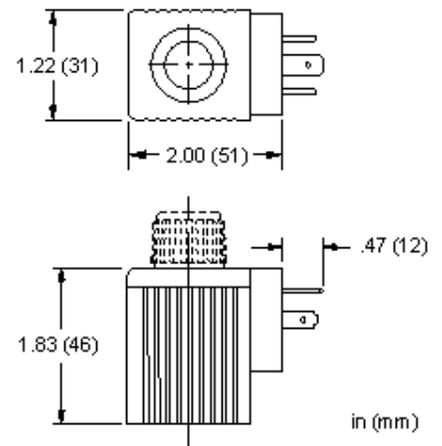
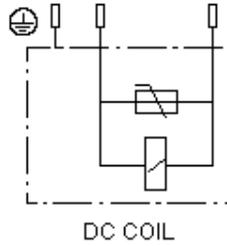
Model Code Example: **DAAAMCN224**

CONTROL	(M)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(N)	COIL *	(224)
M Manual Override		C Normally Closed		N Buna-N		224 DIN 43650-Form A, 24 VDC	
C Concealed Manual Override		H Normally Open		E EPDM		No coil	
				V Viton		212 DIN 43650-Form A, 12 VDC	

* Additional coil options are available



CONFIGURATION



TECHNICAL DATA

Maximum Coil Temperature at 68°F (20°C) Ambient	218°F (105°C)
Arc Suppression (TVS)	Included
Power Consumption (cold) - at rated voltage	12 watts
Voltage/Frequency	24 VDC
Operating Voltage Range	+/- 20% nominal
Duty Cycle Rating	100 %
Connector	ISO4400 - EN/DIN175301-803, Form A (ISO/DIN 43650) 3-pin
Connector Environment Rating	IP65
Coil Nut Torque	0,5 Nm

USED WITH

DAAA DACC DBAA