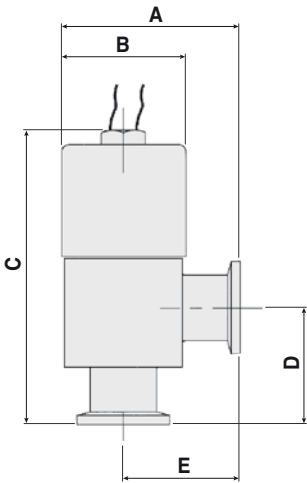


ELECTROMAGNETIC BLOCK VALVES

► Agilent Electromagnetic Block Valves



Models	A	B	C	D	E
NW16	64	58	113	40	40
	(2.50)	(2.28)	(4.43)	(1.58)	(1.58)
NW25	76	58	123	50	50
	(2.98)	(2.28)	(4.83)	(1.98)	(1.98)

Dimensions: millimeters (inches)

Features

- Reliable design
- Low cost
- Rapid spring-closed actuator
- KF Flange connections
- Single coil

Benefits

- Service-free operation
- Economical
- System protection on loss of power
- Ease of Installation
- Compact construction
- Rapid cycling

VACUUM VALVES

Technical Specifications

Vacuum range	Cleaned aluminum: atm to 10^{-6} Torr
Leak rate	$<1 \times 10^{-9}$ std cc/sec. (helium)
Operating temperature	15 °C min to 40 °C maximum
Bakeable to –	Non-operating (closed) 125 °C
Pulse voltage/Hold voltage	23 Watts
Service life	250,000 cycles
Conductance	NW16 – 2.2 l/s NW25 – 3.5 l/s
Speed to Open/Close	Open – 50 ms Close – 25 ms
Loss of power	Valve closes (in < 25 m/sec)

Ordering Information

Size	Voltage Option	Part Number	Shipping Weight kg (lbs)
Aluminum Body			
NW16	115 V; 50/60 Hz	L9940302	0.7 (1.5)
	220 V; 50/60 Hz	L9940304	0.7 (1.5)
	24 VDC	L9940306	0.7 (1.5)
	240 V; 50 Hz	L9940308	0.7 (1.5)
NW25	115 V; 50/60 Hz	L9942302	0.9 (2.0)
	220 V; 50/60 Hz	L9942304	0.9 (2.0)
	24 VDC	L9942306	0.9 (2.0)
	240 V; 50 Hz	L9942308	0.9 (2.0)

Description	Part Number	Shipping Weight kg (lbs)
Spare Parts		
Plunger Assembly – includes shaft, spring, and seal	L9987008	0.5 (1.0)
Operator, EMB, 115 V, 50/60 Hz	L9987002	0.5 (1.0)
Operator, EMB, 220 V, 50/60 Hz	L9987004	0.5 (1.0)
Operator, EMB, 240 V, 50 Hz	L9987009	1.0 (2.0)
Operator, EMB, 24 VDC	L9987006	0.5 (1.0)