

DIAPHRAGM VALVES – AUTOMATION & ACCESSORIES

IPEX diaphragm valves can be pneumatically actuated providing precise control of critical applications. The normally closed (fail close), normally open (fail open), and double acting VM valves make up of one of the most extensive ranges in the industry. The actuated CM provides a compact solution to automated needs while the DM employs an efficient direct acting design. All pneumatic diaphragm valves can be outfitted with many options and accessories such as: stroke limiters, optical and electric position indicators, electro-pneumatic positioners, pilot valves, and various combinations thereof.

Valve Series	Size inches	Significant Number	Product Code
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Pilot Solenoid Valve – Direct Mount, NBR Seals, 110 VAC



VM	1/4	ZSPFF9DD0A4NC	053074
CM	1/8	ZSPFF9CC0A4NC	053075

Pilot Solenoid Valve – Remote (or Gang) Mount, NBR Seals, 110 VAC



N/A	1/4	ZSBFF9CC0A4NC	053076
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Note: Other voltages are available upon request.

Optical Position Indicator



VM / NC - NO - DA	1/2 - 2	ZIN2410002	054997
VM / NC - NO - DA	2-1/2 - 4	ZIN2410015	054998

Protection cap included, see assembly instructions.

Stroke Limiter



VM / NC	1/2 - 1-1/2	ZLP2411002	054991
VM / NC	2	ZLP2411003	054992
*VM / NC	2-1/2 - 4	ZLP2411010	054993
VM / NO - DA	1/2 - 2	ZLP2411004	054994
VM / NO - DA	2-1/2 - 4	ZLP2411008	054995

Protection cap included for VM.

*Actuator must have the metal cap.

Stroke Limiter w/ Optical Position Indicator



VM / NC	1/2 - 1	ZLI2412002	054999
VM / NC	1-1/4 - 1-1/2	ZLI2412001	053063
VM / NC	2	ZLI2412003	053064
*VM / NC	2-1/2 - 4	ZLI2412006	053065
VM / NO - DA	1/2 - 2	ZLI2412005	053066
VM / NO - DA	2-1/2 - 4	ZLI2412008	053067

Protection cap included for VM.

*Actuator must have the metal cap.

Valve Series	Size inches	Significant Number	Product Code
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Stroke Limiter w/ Optical Position Indicator & Manual Override



VM / NC	1/2 - 1	ZLI2413001	053069
VM / NC	1-1/4 - 2	ZLI2413002	053071
VM / NO - DA	1/2 - 1	ZLI2413003	053072
VM / NO - DA	1-1/4 - 2	ZLI2413007	053073

Protection cap included for VM.

Electrical Position Indicator – 1 Mechanical Switch



CM / NC	1/2	ZMS2490001	054952
VM / NC	1/2 - 1	ZMS2490002	054953
VM / NC	1-1/4 - 1-1/2	ZMS2490003	054954
VM / NC	2	ZMS2490004	054955
VM / NC	2-1/2 - 4	ZMS2490005	054956
* VM Manual	1/2 - 1	ZMS2490017	054962
* VM Manual	1-1/4 - 1-1/2	ZMS2490018	054963
* VM Manual	2	ZMS2490019	054964
* VM Manual	2-1/2 - 3	ZMS2490020	054965
* VM Manual	4	ZMS2490021	054966

* Special machining needed for the valve bonnet and compressor.

Microswitch Box – 2 Electromechanical Switches



VM / NC	1/2 - 1-1/2	ZMS2485001	054967
VM / NC	2 - 4	ZMS2485002	054968
VM / NO	1/2 - 4	ZMS2485003	054969

Microswitch Box – 2 Inductive Switches

VM / NC	1/2 - 1-1/2	ZMS2486001	054970
VM / NC	2 - 4	ZMS2486002	054971
VM / NO	1/2 - 4	ZMS2486003	054972

Compact Microswitch Box – 2 Electromechanical Switches



VM / NC	1/2 - 1	ZMS2491002	054973
VM / NC	1-1/4 - 1-1/2	ZMS2491003	054974
VM / NC	2	ZMS2491004	054975
VM / NO	1/2 - 1	ZMS2491012	054976
VM / NO	1-1/4 - 1-1/2	ZMS2491013	054977
VM / NO	2	ZMS2491014	054978
CM / NC - NO	1/2	ZMS2491001	054979

Compact Microswitch Box – 2 Inductive Switches

VM / NC	1/2 - 1	ZMS2492002	054980
VM / NC	1-1/4 - 1-1/2	ZMS2492003	054981
VM / NC	2	ZMS2492004	054982
VM / NO	1/2 - 1	ZMS2492012	054983
VM / NO	1-1/4 - 1-1/2	ZMS2492013	054984
VM / NO	2	ZMS2492014	054985
CM / NC - NO	1/2	ZMS2492001	054986