

THERMOPLASTIC VALVES

Manual & Actuated Thermoplastic Valves

IPEX offers one of the most comprehensive ranges of high quality, high performance thermoplastic valves and actuation products available today. With more than 50 years of design and manufacturing experience, our lightweight, long life, maintenance free valves will save you time and money.

Material options such as PVC, CPVC, PP, PVDF, and ABS make our corrosion resistant valves ideal for use in a wide variety of applications. Quarter turn pneumatic and electric actuation, pneumatically actuated diaphragm valves, and many options and accessories allow for fully automated control. Whether a valve is required for isolation, diversion, control, or throttling, IPEX has a solution to meet your needs.

APPLICATIONS

- Acid products handling for refineries, metal works, etc.
- Alum and ferric chloride handling
- Aquariums and aquatic animal life support systems
- Bleach, dye and acid lines
- Brine and seawater systems
- Chlorine injection, chlorine dioxide and chloralkali plant piping
- Pharmaceutical
- Plant chemical distribution lines
- Plant water supply and distribution
- Swimming pools
- Wash water recovery systems
- Water and wastewater treatment



WHAT TYPE OF VALVE TO USE	Ball Valves	Butterfly Valves	Diaphragm Valves	Check & Vent Valves	Specialty Valves
On/Off Service	✓	✓			
High Capacity	✓	✓			
Throttling	✓	✓	✓		✓
Quick & Frequent Cycling	✓				✓
Slurries/Dirty Fluids		✓	✓		
Filtering					✓
Back Flow Prevention				✓	
Air & Gas Release				✓	
Electro-Mechanical Control					✓
Actuation	✓	✓	✓		



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