

# 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	✓	✓	✓		



## 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.