

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 | ✓ | ✓ | ✓ | | |



VM 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. All VM 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 | Product Code | Universal Number |
|--------------|-------------|--------------|------------------|
|--------------|-------------|--------------|------------------|

Optical Position Indicator



| | | | |
|-------------------|-------|--------|------------|
| VM / NC - NO - DA | 3 - 4 | 054998 | ZIN2410015 |
|-------------------|-------|--------|------------|

Protection cap included, see assembly instructions.

Stroke Limiter



| | | | |
|--------------|-------|--------|------------|
| *VM / NC | 3 - 4 | 054993 | ZLP2411010 |
| VM / NO - DA | 3 - 4 | 054995 | ZLP2411008 |

Protection cap included for VM.
*Actuator must have the metal cap.

Stroke Limiter w/ Optical Position Indicator



| | | | |
|--------------|-------|--------|------------|
| *VM / NC | 3 - 4 | 053065 | ZLI2412006 |
| VM / NO - DA | 3 - 4 | 053067 | ZLI2412008 |

Protection cap included for VM.
*Actuator must have the metal cap.

Electrical Position Indicator – 1 Mechanical Switch



| | | | |
|---------|-------|--------|------------|
| VM / NC | 3 - 4 | 054956 | ZMS2490005 |
|---------|-------|--------|------------|

Microswitch Box – 2 Electromechanical Switches



| | | | |
|--------------|-------|--------|-------------|
| VM / NC | 3 - 4 | 054968 | ZMS2485002 |
| VM / NO – DA | 3 | 054969 | ZMS2485003 |
| VM / NO – DA | 4 | 154475 | ZMS24860031 |

Microswitch Box – 2 Inductive Switches

| | | | |
|--------------|-------|--------|-------------|
| VM / NC | 3 - 4 | 054971 | ZMS2486002 |
| VM / NO – DA | 3 | 054972 | ZMS2486003 |
| VM / NO – DA | 4 | 154478 | ZMS24860031 |