

Fittings

**2-Way and 3-Way Selector Valves**

| Positions | Part Number |             | Outlets | Port Location |
|-----------|-------------|-------------|---------|---------------|
|           | 2-Way       | 3-Way       |         |               |
| 2         | 5CV-022-000 | 5CV-032-000 | 2       | Back          |
| 3         | 5CV-023-000 | 5CV-033-000 | 3       | Back          |
| 6         | 5CV-026-000 | 5CV-036-000 | 6       | Back          |
| 10        | 5CV-010-000 | 5CV-100-000 | 10      | Back          |
| 10        | 5CV-011-000 | 5CV-110-000 | 10      | Radial        |

2-, 3-, 6-, and 10- position models  
 Common inlet connected to selected outlet port (multiple choices)  
 Unselected ports blocked (2-way) or vented to atmosphere (3-way)  
 Panel mount construction with numbered index ring (10-position models)  
 Knob positions detented  
 Applications include function and output selection, system programming, and pressure monitoring



**Non-contact Sensors**

| Part Number | Sensor Description | Air Consumption scfm (dm <sup>3</sup> /s) |
|-------------|--------------------|---|
| 4PS-010-D00 | Proximity          | 0.36 (.17)                                |
| 4JS-010-D00 | Interruptible Jet  | 0.13 (.06)                                |
| 4JS-020-D00 | Impacting Jet      | 0.16 (.08)                                |
| 4JS-030-D00 | Emitter            | 0.45 (.21)                                |

Ideally suited for use in hazardous atmospheres  
 Generates a pneumatic signal, indicating the presence or absence of an object  
 Operates small directional control valves, pneumatic devices, or in logic circuits  
 No moving parts  
 Not subject to wear or fatigue, fast operating speed, long term reliability  
 Ease of maintenance



**Contact Sensors**

| Part Number | Air Sensor Description | Consumption scfm (dm <sup>3</sup> /s) |
|-------------|------------------------|---------------------------------------|
| 5FS-010-D00 | Featherflex            | 0.05 (.03)                            |
| 4TS-011-DN0 | Interruptible Jet      | 0.03 (.02)                            |

Generates a pneumatic signal, indicating the presence or absence of an object  
 Operates small directional control valves, pneumatic devices, or in logic circuits  
 Internal inlet port filter



**Rotowink indicators**

| Size      | Type            | Model          |
|-----------|-----------------|----------------|
| 10-32 UNF | Low pressure    | 5VS-100 Series |
| 1/8 NPTF  | Medium pressure | 5VS-400 Series |
| 1/8 NPTF  | High pressure   | 5VS-200 Series |

Indicate the presence or absence of a pneumatic signal  
 Wide angle of visibility  
 Contrasting color combinations for positive identification



**Pressure drop indicators**

| Size    | Type          | Model      |
|---------|---------------|------------|
| 1/8 NPT | In-line ports | 18-033-104 |
|         | In-line ports | 18-033-101 |
|         | Rear ports    | 18-033-105 |
|         | Rear ports    | 18-033-102 |

Give visual indication of level of pressure drop across units.  
 Provide indication of condition of filter elements.  
 Domed lens gives wide angle of visibility.  
 Enable pressure drop in various parts of the system to be monitored.



## Miniature Check Valves

| Part Number  | Connection             |
|--------------|------------------------|
| 4LD-010-D00+ | 10-32 UNF              |
| 4LD-050-D00  | 1/16" ID Flexible Tube |
| 4LD-051-D00  | 1/16" ID Flexible Tube |
| 4LD-052-D00  | 1/16" ID Flexible Tube |
| 4LD-020-B01  | 1/8" ID Flexible Tube  |
| 4LD-063-D00  | 1/8" ID Flexible Tube  |
| 4LD-064-D00  | 5/32" ID Flexible Tube |

**Duckbill type check**  
**Non-venting**  
**Extremely low crack pressures**  
**10-32 UNF or barbed tube connections**  
**Direct in-line mounting**  
**Control flow direction in medical equipment, instrumentation systems, and in miniature pneumatic control systems**



## Miniature Inline Restrictors

| Part Number | Color Code |
|-------------|------------|
| 4LR-010-D04 | Yellow     |
| 4LR-010-D06 | Brown      |
| 4LR-010-D08 | Red        |
| 4LR-010-D10 | Black      |
| 4LR-010-D12 | Blue       |
| 4LR-010-D16 | Green      |

**Provide "resistor" function in pneumatic circuits**  
**High precision sapphire orifices**  
**Color coded aluminum body with internal 200 x 200 mesh stainless steel prefilter**  
**10-32 UNF or barbed tube connections**  
**Direct in-line mounting**  
**Signal attenuation and time delay functions in miniature pneumatic circuits**



## Miniature Inline Filters

| Part Number | Flexible Tube Connection |
|-------------|--------------------------|
| 4LF-010-000 | 1/8" ID                  |
| 4LF-020-000 | 5/32" ID                 |

**25-micron element rating**  
**Connections for 1/8" or 5/32" ID flexible tubing**  
**Direct in-line mounting**  
**Protection against particulate contamination for miniature pneumatic systems**



## High Pressure Needle valves

| Part Number | Size NPT |
|-------------|----------|
| 17-001-106  | 1/8" ID  |
| 17-001-109  | 1/8" ID  |
| 17-001-112  | 1/8" ID  |
| 17-001-107  | 5/32" ID |
| 17-001-110  | 5/32" ID |
| 17-001-114  | 5/32" ID |

**Bar stock machined brass body**  
**Tapered brass needle**  
**Adjustable stem packing nut with Teflon® seal**  
**Retained adjustment stem**  
**Metal to metal sealing surfaces**  
**Accurate metering of fluids**  
**3,000 psig inlet pressure**



## Regulated Blow Guns

| Port (PTF) | Part Number | Nozzle Type             |
|------------|-------------|-------------------------|
| 1/4        | 17-104-302  | Metal Tip w/ Air Shield |
| 1/4        | 17-104-304  | Metal Tip               |
| 1/4        | 17-104-306  | Rubber Tip              |

**Nozzle pressure regulated to below 30 psig, even if nozzle is obstructed**  
**OSHA compliant**  
**Large lever for comfort and easy actuation**  
**Permanently assembled, tamper resistant construction**  
**Tips may be replaced or exchanged**  
**10" and 18" extension nozzles available**

